



2014 Lube/Filter Quick Reference Guide

Grove Manitowoc National Crane Potain



2014 Lube/Filter Quick Reference Guide

*Complete listing of
Crane Care service kits
and lube program items
effective 2014.*

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Crane Lube Information

CraneLube "Maximize Your Uptime" For All Your Equipment Needs

Are your lubricants formulated to provide smooth and trouble free actuation of critical crane applications? Is your hydraulic fluid filtered to meet the requirements of high-press systems found on Cranes? Are you confused about how many hydraulic and transmission fluids you need? If you cannot answer any of these questions with certainty, read on...

Crane Care Lubrication Program since inception has been listening to your requests for increased machine uptime, increased reliability and maximized equipment availability. As a result the available lubricants have been increased to meet your requests. Our goal continues providing you with highest quality lubricants and aggressive filtration to enhance the performance on all your equipment needs. These proven products are formulated to withstand the severe duty and long service applications under which cranes and material handling equipment must withstand. From high-pressure applications, close tolerance components, and tough environmental conditions, this program enhances your business bottom line by giving you the best value for your investment dollar.

CraneLube All-Season Multipurpose Hydraulic Oil

Crane Care hydraulic and hydrostatic drive oil is specially formulated and "**Filtered ISO Clean**" to provide maximum anti-wear protection and year-round performance in crane and tractor transmission as well hydraulic applications. This fluid is carefully *filtered* to provide smooth operation of critical hydraulic components and formulated with special "**lubricity additives**" to provide smooth cylinder actuation.

Approved against:

- Manitowoc, Grove, National Crane and Potain specs.
- John Deere JDM J20D
- Ford New Holland ESN-M2C134-D
- Massey Ferguson MF1135, 1139, 1141
- White New Idea
- Kubota UDT
- Denison HF-0, HF-1 and HF-2
- Sauer Sundstrand specifications
- Vickers 35VQ25

This fluid also meets Caterpillar TO-2 requirements and is recommended for use in Case, International, Deutz-Allis, Komatsu, Vickers, and Cincinnati Milacron equipment. It is also recommended for top-up and refill of transmissions, final drives, hydraulics, power steering, wet brakes, PTO's, and hydrostatic drives. This fluid is not to be used in passenger car automatic transmissions.

CraneLube All-Season Multipurpose Engine Oil

Crane Care Diesel Engine Oil is specially formulated to provide low maintenance operation in all Crane Care machinery and other diesel engines requiring CI-4 and CJ-4 oils. Both CI-4 and CJ-4 oils are formulated for severe duty, commercial off-highway and on-highway engines. The CJ-4 oil is used in association with low sulfur type diesel fuel and exhaust after-treatment devices. This product is also formulated for mixed fleet operations. The balanced additive package provides good low temperature pumpability for start-up protection, excellent alkalinity reserve for high idle applications, and good rust and oxidation protection for extended or intermittent service.

Performance Features:

- Meets the requirements of API CJ-4, CI-4, CH-4, SL, SJ and SM
- Meets the requirements of Allison C-4 (API CI-4 only)
- Listed on Mack's approval list for Mack EO-M, EO-N Premium Plus (API CI-4 only) Mack EO-O Premium Plus (API CJ-4 only)
- Meets the requirements of Cummins CES 20078, CES 20076 (API CI-4) and CES 20081 (API CJ-4)
- Meets the international requirements of DHD-1 and ACEA E5
- Formulated with severely hydrotreated Group II base oils
- Meets Manitowoc, Grove, Potain, National Crane, Manlift specs.

CraneLube Gear Oil 80w90 GL-5

Crane Care 80w90 Gear Oil is a multipurpose, heavy duty, extreme pressure gear lubricant recommended for enclosed gear cases in lifting equipment, contractor, commercial heavy duty, automotive, and farm equipment. This product is specially formulated to provide excellent wear protection in heavily loaded gear sets requiring a GL-5 specification. This fluid is designed for low-speed/high torque, high-speed/low torque, and high-speed shock-load conditions. This fluid provides excellent rust and corrosion protection and excellent seal protection.

CraneLube Anti-wear Hydraulic Oil AW 32, 46, 68

Crane Care Anti-wear Hydraulic Oils are formulated to provide excellent antiwear, anti-foam, rust protection, and water separation properties. They are designed for use in high pressure or high-speed vane and gear-type hydraulic pumps. These oils provide outstanding rust protection, low deposit formation, good demulsibility, low air entrainment, excellent oxidation resistance, low pour points and good antifoam properties.

Manufacturer Approvals:

- Hagglunds-Denison HF-0, HF-1, HF-2
- Vickers M-2952-S
- Cincinnati Milacron P-68, P=69, P-70
- US Steel 127, 136
- Racine Vane Pumps-Variable Volume
- Meets Manitowoc, Grove, Potain, National Crane and Manlift specs.

CraneLube ATF Mercon/Dexron III

Crane Care ATF is a premium, multipurpose automatic transmission fluid formulated with high quality base oils and additives to meet many manufacturers' specifications. This fluid provides excellent wear protection, oxidation control for long life, and friction modifiers to enhance trouble free transmission performance. It is specially formulated to maximize the performance in off road heavy duty cycle transmissions.

CraneLube Red Lithium #2 Grease

This multipurpose grease provides excellent high temperature performance and wears protection. The multipurpose grease is formulated for chassis lubrication to demonstrate excellent stay-put properties and good water washout resistance. Designed for cylinder, bucket pin, steering, and general chassis lubrication to resist hardening and oil-thickener separation.

CraneLube 50/50 Antifreeze (Pre-charged 50/50 and Extended Life 50/50)

Crane Care antifreeze utilizes "de-ionized water" to extend service life of coolant. Our pre-charged SCA package delivers long service life and contains special inhibitors to resist corrosion and sludge formation. The antifreeze utilizes phosphate free technology providing excellent water pump and seal protection. **This coolant is compatible with conventional antifreeze.**

Our Extended Life 50/50 utilizes carboxylate additive technology to provide excellent corrosion resistance and long fluid service life with minimal attention and labor utilization. This state-of-the-art technology is compatible with GM and Caterpillar branded coolant requirements.

Crane Lube Product Guide Information

Lubricant	Spec Number	Type	Part Number	Container Size	Prod Data Sht	MSDS
Automatic Transmission Fluid						
ATF Mercon/Dexron	6829003484	Standard	9999300245	275 G Tote	Automatic Trans Fluid (Superflow)	MCC000007_1
Multipurpose ATF	6829003484	Standard	9999300018	55G/1 Drum		
Multipurpose ATF	6829003484	Standard	9999300019	5G /1 Pail		
ATF, TranSynd Fluid	6829101690	Synthetic	9999101977	55G/1 Drum	Trans fluid - Castrol TranSynd ATF	MCC000063_1
ATF, TranSynd Fluid	6829101690	Synthetic	9999101976	5G /1 Pail		
Brake Fluid						
Silicone Brake Fluid (Dot 5)	6829006952	Standard	9999300038	55G/1 Drum	Brake Fluid - DOT 5 Silicone	MCC000055_1
Silicone Brake Fluid (Dot 5)	6829006952	Standard	9188101086	1 Qt (32 oz)		
Silicone Brake Fluid (Dot 5)	6829006952	Standard	9188101085	1 Pt (16 oz)		
Diesel Exhaust Fluid						

Lubricant	Spec Number	Type	Part Number	Container Size	Prod Data Sht	MSDS
Diesel Exhaust Fluid (exhaust additive)	80019225	Standard	9999300336	5G /1 Pail	Cummins DEF 32	MCC000072_0
(Cummins DEF 32 use w/ Tier IV engines)						
Engine Oil						
Engine Oil Ci-4 15w40	6829003483	Standard	9999300211	275 G Tote	Eng Oil Premium Diesel 15W40 (CI-4)	MCC000013_1
Engine Oil Ci-4 15w40	6829003483	Standard	9999300007	55G/1 Drum		
Engine Oil Ci-4 15w40	6829003483	Standard	9999300008	5G /1 Pail		
Engine Oil Ci-4 15w40	6829003483	Standard	9999300234	216 Ga1 Skid		
Engine Oil CJ-4 15w40 (use w/ low sulfur fuel)	6829104182	Standard	9999300257	275 G Tote	Eng Oil Flt Supreme EC 15W40 (CJ-4)	MCC000014_1
Engine Oil CJ-4 15w40 (use w/ low sulfur fuel)	6829104182	Standard	9999300256	55G/1 Drum		
Engine Oil CJ-4 15w40 (use w/ low sulfur fuel)	6829104182	Standard	9999300255	5G /1 Pail		
Engine 10W-30 (Superflow)	n/a	Premium (Standard)	9999300235	275 G Tote	Eng Oil - Exxon Superflow 5W30_10W30	MCC000012_0
Engine 5W-30 CI-4 (Superflow)	n/a	Premium (Standard)	9999300263	55G/1 Drum	Eng Oil - Exxon Superflow 5W30_10W30	MCC000015_0
Engine Oil 20W50 (Mobil Clean Motor Oil)	n/a	Premium (Standard)	9999300298	275 G Tote	Mobil Clean oils - Motor Oil	MCC000066_0
Engine Oil 20W50 (Mobil Clean Motor Oil)	n/a	Premium (Standard)	9999300299	55G/1 Drum		
Engine Oil 20W50 (Mobil Clean Motor Oil)	n/a	Premium (Standard)	9999300300	5G /1 Pail		
Engine Oil 5W-30 (Conoco SAS)	n/a	Synthetic	9999300290	275 G Tote	Conoco Super All Season Syn Blend Motor Oil	MCC000065_1
Engine Oil 5W-30 (Conoco SAS)	n/a	Synthetic	9999300291	55G/1 Drum		
Engine Oil 5W-30 (Conoco SAS)	n/a	Synthetic	9999300292	5G /1 Pail		
Engine Oil 10W-30 (Conoco SAS)	n/a	Synthetic	9999300294	275 G Tote	Conoco Super All Season Syn Blend Motor Oil	MCC000065_1
Engine Oil 10W-30 (Conoco SAS)	n/a	Synthetic	9999300295	55G/1 Drum		
Engine Oil 10W-30 (Conoco SAS)	n/a	Synthetic	9999300296	5G /1 Pail		
Engine Oil 5W-40 CI-4 (Mobil Delvac 1)	6829101560, 549337	Synthetic	9999300186	Qty 4 x 1 Gal/1 Box	Eng Oil - Mobil Delvac 1 (Syn) 5W40	MCC000016_1
Engine Oil / Hydraulic Oil						
Engine Oil 10W (Conoco)	6829006945	Conventional	9999300212	275 G Tote	HD 10W Engine Oil	MCC000010_1
Engine Oil 10W (Conoco)	6829006945	Conventional	9999300190	55G/1 Drum		
Engine Oil 10W (Conoco)	6829006945	Conventional	9999300191	5G /1 Pail		
Engine Oil 10W (Delvac)	n/a	Conventional	9999300188	55G/1 Drum	Hyd Oil Premium 10W	MCC000009_1
Engine Oil 10W (Delvac)	n/a	Conventional	9999300189	5G /1 Pail		
Gear Lube						
Gear Oil 80W90 Delo ESI	6829012964	Semi synthetic	9999300240	16 Gal Keg	Gear Oil - Chevron Delo ESI 80W-90	MCC000017_1
Gear Oil 80W90 Delo ESI	6829012964	Semi synthetic	9999300301	5G /1 Pail		
Gear Oil 80W90 Delo ESI	6829012964	Synthetic	9999300047	55G/1 Drum		
Gear Oil 80W90 LS	n/a	Limited Slip	9999300205	5G /1 Pail	Gear Oil - HD LS 80W-90	MCC000025_1
Gear Oil 80W90 LS	n/a	Limited Slip	9999300206	55G/1 Drum		
Gear Oil 80W90 LS	n/a	Limited Slip	9999300215	16 Gal Keg		
Mobilgear 629 (EP-4)	6829100213	Conventional	9999300062	5G /1 Pail	Mobilgear_629_600series	MCC000019_0
Mobilgear 636	n/a	Conventional	9999300229	275 G Tote	Gear Oil - MobilGear 600_636	MCC000026_1
Mobilgear 636	n/a	Conventional	9999300227	55G/1 Drum		
Mobilgear 636	n/a	Conventional	9999300228	5G /1 Pail		
Gear Oil SHC220	n/a	Synthetic	9999300236	5G /1 Pail	Gear Oil - SHC Series_SHC220 (Syn)	MCC000030_1
Gear Oil SHC 460	6829008965	Synthetic	9999300174	55G/1 Drum	Gear Oil - SHC	MCC000029_1

Lubricant	Spec Number	Type	Part Number	Container Size	Prod Data Sht	MSDS
Gear Oil SHC 460	6829008965	Synthetic	9999300175	5G /1 Pail	Series_SHC460 (Syn)	
Gear Oil SHC 629	6829103636	Synthetic	9999300218	5G /1 Pail	Gear Oil - Mobil SHC 600 - SHC 629	MCC000021_1
Gear Oil SHC 632 (used w/ Potain)	n/a	Synthetic	9999300304	55G/1 Drum	Gear Oil - Mobil SHC 600 - SHC 632	
Gear Oil SHC 632 (used w/ Potain)	n/a	Synthetic	9999300303	5G /1 Pail		MCC000068_1
Open Gear Lube (CEPLATTYN 300)	6829102971	Dry Film	9999300213	12 Qt / 1 Case	Open Gear Lube - Fuchs CEPLATTYN 300	MCC000054_1
Gear Oil SHC 626 (used w/ Manitowoc)	549455, A17115	Synthetic	9999300314	5G /1 Pail	Gear Oil - Mobil SHC 600 - SHC 626	MCC000078_0
Gear Oil Synduro SHB 68 (used w/ Manitowoc)	549455, A17115	Synthetic	A17115	55G/1 Drum	Gear Oil - Petro-Canada SYNDURO SHB Synthetic	MCC000079_0
Gear Lube / Gear Oil						
Gear Oil Delvac 75W90 (used w/ Manitowoc)	549515 A	Synthetic	9999300262	275 G Tote	Gear lube/oil- Mobil Delvac 75W-90_80W- 140 (Syn)	MCC000061_1
Gear Oil SHC 75W90	6829014058, 549515	Synthetic	9999300176	55G/1 Drum	Gear lube - SHC 75W-90_80W- 140 (Syn)	MCC000060_1
Gear Oil SHC 75W90	6829014058, 549515	Synthetic	9999300238	16 Gal Keg		
Gear Oil SHC 75W90	6829014058, 549515	Synthetic	9999300177	5G /1 Pail		
Gear Oil 80W90 GL-5	6829003479	Standard	9999300237	275 G Tote	Gear Oil - HD 80W-90_85W- 140	MCC000028_1
Gear Oil 80W90 GL-5	6829003479	Standard	9999300259	216 Gal Skid		
Gear Oil 80W90 GL-5	6829003479	Standard	9999300011	55G/1 Drum		
Gear Oil 80W90 GL-5	6829003479	Standard	9999300216	16 Gal Keg		
Gear Oil 80W90 GL-5	6829003479	Standard	9999300012	5G /1 Pail		
Gear Oil 80W140	6829006240, A13890	Synthetic	9999300178	55G/1 Drum	Gear Oil - SHC 75W-90_80W- 140 (Syn)	MCC000024_2
Gear Oil 80W140	6829006240, A13890	Synthetic	9999300179	5G /1 Pail		
Gear Oil 85W140	n/a	Conventional	9999300226	275 G Tote	Gear Oil - HD 80W-90_85W- 140	MCC000018_1
Gear Oil 85W140	n/a	Conventional	9999300172	55G/1 Drum		
Gear Oil 85W140	n/a	Conventional	9999300173	5G /1 Pail		
Gear Lube / Hydraulic Oil / Transmission Fluid						
Hydraulic Trans Fluid HD10W		Conventional	9999300316	5G /1 Pail	Trans Fluid - HD Series_HD10W	MCC000088_0
Hydraulic Trans Fluid HD30	n/a	Conventional	9999300208	55G/1 Drum	Trans Fluid - HD Series_HD 30	MCC000053_1
Hydraulic Trans Fluid HD30	n/a	Conventional	9999300207	5G /1 Pail		
Hydraulic Trans Fluid HD50	n/a	Conventional	9999300244	275 G Tote		
Hydraulic Trans Fluid HD50	n/a	Conventional	9999300185	55G/1 Drum	Trans Fluid - HD Series_HD 50	MCC000027_1
Hydraulic Trans Fluid HD50	n/a	Conventional	9999300187	5G /1 Pail		
Gear Lube / Oil SAE GR 50 (Delvac Synthetic Trans 50)	6829013433	Synthetic	9999300311	275 G Tote		
Gear Lube / Oil SAE GR 50 (Delvac Synthetic Trans 50)	6829013433	Synthetic	9999300250	16 Gal Keg	Gear Lube - Mobil Delvac Trans 50 (Syn)	MCC000058_1
Gear Lube / Oil SAE GR 50 (Delvac Synthetic Trans 50)	6829013433	Synthetic	9999300261	5G /1 Pail		
Grease						

Lubricant	Spec Number	Type	Part Number	Container Size	Prod Data Sht	MSDS
Grease Red Lithium EP-2	6829003477	Standard	9999300020	5G /1 Pail	Grease - Rugged Red EP-2	MCC000022_1
Grease Red Lithium EP-2	6829003477	Standard Std. 14 oz.	9999300021	10 tube / 1 Box		
Grease XHP 222	6829014326, 6829003477	Standard	9999300217	120 lb Keg	Grease - Mobilgrease XHP 220 - (XHP222)	MCC000023_1
Grease XHP 222	6829014326, 6829003477	Standard Std. 14 oz.	9999300247	10 tube / 1 Box		
Mobilgrease XHP 322 MINE (used w/ Manitowoc)	A19138	Standard	9999300282	55G/1 Drum	Grease - MobilGrease XHP 322 Mine	MCC000041_0
Mobilgrease XHP 322 MINE (used w/ Manitowoc)	A19138	Standard	9999300283	120 lb Keg		
Mobilgrease XHP 322 MINE (used w/ Manitowoc)	A19138	Standard Std. 14 oz.	9999300284	10 tube / 1 Box		
Mobilgrease XHP 321 MINE (used w/ Manitowoc)(High Temp Application)	A19137	Standard	9999300285	55G/1 Drum	Grease - MobilGrease XHP 321 Mine	MCC000040_0
Mobilgrease XHP 321 MINE (used w/ Manitowoc)(High Temp Application)	A19137	Standard	9999300286	120 lb Keg		
Mobilgrease XHP 320 MINE (used w/ Manitowoc)(Low Temp Application)	A18803	Standard	9999300287	55G/1 Drum	Grease - MobilGrease XHP 320 Mine	MCC000039_1
Mobilgrease XHP 320MINE (used w/ Manitowoc)(Low Temp Application)	A18803	Standard	9999300288	120 lb Keg		
Note: Mobilgrease XHP 321 MINE & XHP 320 MINE approved for use in Manitowoc automatic greasing system.						
Mobilgrease XHP 100 MINE (used w/ Manitowoc)(Arctic Temp Application)	n/a	Standard	9999300289	55G/1 Drum	Grease - MobilGrease XHP 100 Mine	MCC000038_0
375 NC Grease (used w/ Manitowoc)	471145, 471178	Standard	9999300221	120 lb Keg	Grease - Mobiltac 375 NC	MCC000034_1
375 NC Grease (used w/ Manitowoc)	471145, 471178	Standard	9999300222	5G /1 Pail		
Mobil Lithium SHC PM (used w/ Potain)	n/a	Synthetic	9999300184	5G /1 Pail	Grease - Mobillith SHC_PM	MCC000036_1
Mobil Lithium SHC PM (used w/ Potain)	n/a	Synthetic Std. 14 oz.	9999300183	10 tube / 1 Box		
Grease – Low Temp (Mobil SHC 32)(used w/ Manitowoc)	n/a	Synthetic	9999300264	120 lb Keg	Grease - Mobiltemp SHC 32 low temp (Syn)	MCC000042_0
Grease – Low Temp (Mobil SHC 32)(used w/ Manitowoc)	n/a	Synthetic Std. 14 oz	9999300248	10 tube / 1 Box		
Grease – Low Temp (Chevron RPM Arctic Grease NLGI 1)(used w/ Manitowoc)	471166	Standard	471166	120 lb Keg	Grease - Chevron RPM Arctic Grease NLGI 1	MCC000080_0
Grease – Low Temp (Mobil SHC 220)	6829104275	Synthetic	9999300306	35 lb Pail	Mobil Lith SHC 220 PDS.pdf	MCC000070_1
Mobil LUX EP2 Grease (used w/ Manitowoc)	471197	Standard	9999300209	120 lb Keg	Grease - Rugged Red EP-2	MCC000081_0
Hydraulic Oil						
Mobile Premium Hyd Oil	6829006444	Premium (filter dyed)	9999300001	275 G Tote	Hyd Oil - Premium Mobil 424	MCC000052_1
Mobile Premium Hyd Oil	6829006444	Premium (filter dyed)	9999300003	55G/1 Drum		
Mobile Premium Hyd Oil	6829006444	Premium (filter dyed)	9999300005	5G /1 Pail		
Hydraulic Oil (HYDREX MV ARCTIC 15)(Low Temp)(used w/ Manitowoc)	A03745	Conventional	9999300274	5G /1 Pail	Hyd Oil - Petro-Canada Hydrex MV Arctic 15	MCC000048_1
Hydraulic Oil (Chevron Synthetic THF)(Low Temp)	6829101559	Synthetic	9999300305	55G/1 Drum	Chevron Synthetic All WeatherTHF	MCC000069_0

Lubricant	Spec Number	Type	Part Number	Container Size	Prod Data Sht	MSDS
Hydraulic Oil – Anti-wear						
Anti-wear Hydraulic Oil – AW 22	6829013614	Standard	9999300194	275 G Tote	Hyd Oil AW Tellus 22	MCC000075_1
Anti-wear Hydraulic Oil – AW 22	6829013614	Standard	9999300195	55G/1 Drum		
Anti-wear Hydraulic Oil – AW 22	6829013614	Standard	9999300196	5G /1 Pail		
Anti-wear Hydraulic Oil – AW 32	6829012553	Standard	9999300015	275 G Tote	Hyd Oil - Antiwear AW 32	MCC000045_1
Anti-wear Hydraulic Oil – AW 32	6829012553	Standard	9999300016	55G/1 Drum		
Anti-wear Hydraulic Oil – AW 32	6829012553	Standard	9999300017	5G /1 Pail		
Anti-wear Hydraulic Oil – AW 46	n/a	Standard	9999400015	275 G Tote	Hyd Oil - Antiwear AW 46	MCC000046_1
Anti-wear Hydraulic Oil – AW 46	n/a	Standard	9999400016	55G/1 Drum		
Anti-wear Hydraulic Oil – AW 46	n/a	Standard	9999400017	5G /1 Pail		
Anti-wear Hydraulic Oil – AW 68	6829007515	Standard	9999600015	275 G Tote	Hyd Oil - Antiwear AW 68	MCC000047_0
Anti-wear Hydraulic Oil – AW 68	6829007515	Standard	9999600016	55G/1 Drum		
Anti-wear Hydraulic Oil – AW 68	6829007515	Standard	9999600017	5G /1 Pail		
Mobil DTE 10 Excel 32 (use w/ Grove GMK)	6829104467	Premium	9999300308	275 G Tote	Hyd Oil - Mobil DTE 10 Excel	MCC000074_0
Mobil DTE 10 Excel 32 (use w/ Grove GMK)	6829104467	Premium	9999300309	55G/1 Drum		
Mobil DTE 10 Excel 32 (use w/ Grove GMK)	6829104467	Premium	9999300310	5G /1 Pail		
Benz Flomite 46SS (use w/ Manitowoc factory fill)	549433 A	Standard	---			
Hydraulic Oil – Biodegradeable						
Mobil EAL 224H	6829013503	Standard	9999300192	55G/1 Drum	Hyd Oil Biodegradable EAL224h	MCC000008_1
Mobil EAL 224H	6829013503	Standard	9999300193	5G /1 Pail		
Other Available Lubricants						
Oil – 5-30 (Shell Donax TD)	n/a	Standard	9999300230	55G/1 Drum	Trans fluid - Shell Donax TD_5W-30	MCC000062_1
Oil – 75-90 (Shell Spirax EW)	n/a	Standard	9999300232	5G /1 Pail	Gear Oil - Shell Spirax EW 75W-90	MCC000031_1
Oil – 150 ISO (Shell Omala RL – Synthetic)	n/a	Synthetic	9999300233	5G /1 Pail	Gear Oil - Shell Omala RL_ISO 150 (Syn)	MCC000032_1

Anti-Freeze / Coolant	Spec Number	Type	Part Number	Container Size	Prod Data Sht	MSDS
Anti-Freeze / Coolant Unmixed						
Anti-Freeze – Green	6829003478	Standard	9999300260	216 Gal Skid	Antifreeze unmixed (green)	MCC000004_1
Anti-Freeze / Coolant Mixed						
Anti-Freeze – Green 50/50	6829013562	Standard	9999300197	275 G Tote	Antifreeze 5050 mixed (green)	MCC000002_1
Anti-Freeze – Green 50/50	6829013562	Standard	9999300198	55G/1 Drum		
Anti-Freeze – Green 50/50	6829013562	Standard	9999300199	5G /1 Pail		
Anti-Freeze / Coolant Precharged fully formulated						
Anti-Freeze – Fleet charge 50/50 precharged (Pink)	6829101130	Premium	9999300201	275 G Tote	Antifreeze fully form (pink)	MCC000001_1
Anti-Freeze – Fleet charge 50/50 precharged (Pink)	6829101130	Premium	9999300202	55G/1 Drum		
Anti-Freeze – Fleet charge 50/50 precharged (Pink)	6829101130	Premium	9999300203	5G /1 Pail		
Anti-Freeze – Fleet charge 60/40 SCA precharged (Pink)	6829104212	Premium	9999300307	55G/1 Drum	OWI_FleetChar ge_SpecSheet_PDS	MCC000071_0
Coolant Additive						
Penn Cool 3000 (Coolant Supplement)	6829012858	Standard	9999300200	12 Pints / 1- Case	Antifreeze Additive - Nalcool 3000	MCC000005_1

NOTE: Premium Tractor Fluid; ISO 16/13, Certified ISO Clean Drums & Pails						
NOTE: 275 G Tote has an 800 number for return or disposal information, freight is prepaid						
NOTE: "na" means the product is available for applications other than specified for Grove, Manitowoc, National or Potain cranes						

Other Lube Product Guide Information

SPEC NO	PART NO	DESCRIPTION	COMMENTS	Prod Data Sht	MSDS
---	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)	NO LONGER AVAILABLE	---	---
---	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)	AVAILABLE ON REQUEST	Eng Oil - Exxon Superflow 5W30_10W30	MCC000012_0
---	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID	AVAILABLE ON REQUEST	Hyd Oil - Avia_Fluid ATF 66M-86M	MCC000049_1
---	02314698	SLIDING PASTE - BERULUB PAL -1	AVAILABLE ON REQUEST	Grease - PAL_Reihe_Ber ulub PAL 3	MCC000056_0
---	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	AVAILABLE ON REQUEST	Rivolta S.K.D. 170	MCC000064_1
---	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	AVAILABLE ON REQUEST		
6829003481	9999300029	ENGINE / HYDRAULIC OIL +80 DEG. F TO +120 DEG. F	NO LONGER AVAILABLE	---	---
6829003486	03319214	DOT 4+ BRAKE FLUID	AVAILABLE ON REQUEST	---	---
6829003689	01573046	ANTI-SEIZE COMPOUND	NO LONGER AVAILABLE	---	---
6829005570	---	ENGINE OIL SAE 20W20 (API CI-4)	CONSULT FACTORY FOR AVAILABILITY	---	---
6829005828	---	LOW TEMPERATURE GREASE	CONSULT FACTORY FOR AVAILABILITY	---	---
6829007000	9999300039	EXTREME PRESSURE MULTIPURPOSE GREASE (MILITARY)	NO LONGER AVAILABLE	---	---
6829007887	9999300041	GEAR LUBE SAE 140	NO LONGER AVAILABLE	---	---
6829013436	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)	NO LONGER AVAILABLE	---	---
6829013460	6829013460	A/C R134a REFRIGERANT	NO LONGER AVAILBLE	---	---
6829013916	9999300057	HYDRAULIC OIL -50 DEG F TO +10 DEG F	NO LONGER AVAILABLE	---	---
6829015236	9999300060	WIRE ROPE LUBE	NO LONGER AVAILABLE	---	---
6829015304	---	EXTREME PRESSURE 3% MOLY GREASE	CONSULT FACTORY FOR AVAILABILITY	---	---
6829104478	9999300312	Open Gear Lube (LPS Dry Force 842 Moly)	AVAILABLE ON REQUEST	LPS Dry Force 842 Moly Lube	MCC000076_5
6829103617	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE	AVAILABLE ON REQUEST	High Lub SW 2 Grease	MCC000073_0
6829104412	9999300313	ENGINE OIL SAE 5W-40 SYNTHETIC (API CJ-4) MOBIL DELVAC 1 ESP	AVAILABLE ON REQUEST	Mobil Delvac 1 ESP 5W-40 (CJ-4) Synthetic	MCC000077_0
---	9999102808	HYDRAULIC OIL ADDITIVE CAT 1U9891	AVAILABLE ON REQUEST	---	---
---	90022607	WIRE ROPE LUBE (Vitalife 400 (case or 12 aerosol cans))	AVAILABLE ON REQUEST	---	---
---	90022608	WIRE ROPE LUBE (Vitalife 400 (5 gallon pail))	AVAILABLE ON REQUEST	---	---

Grove Fluids and Service Kits

AT422T		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013562	*	9999300199	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013562	*	9999300198	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013562	*	9999300197	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003481	*	9999300029	ENGINE / HYDRAULIC OIL +80 DEG. F TO +120 DEG. F
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829007000	*	9999300039	EXTREME PRESSURE MULTIPURPOSE GREASE (MILITARY)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829013916	*	9999300057	HYDRAULIC OIL -50 DEG F TO +10 DEG F
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

AT422T		Grove			
Cummins 6BTA5.9					
Service Kits					
250 Hr Engine			9999101945		
500 Hr Engine			9999101946		
1000 Hr Full			9999101947		
2000 Hr Full			9999101948		
Kit Components					
Engine Oil Filter			9414100813		
Heated fuel Filter			7437000851		
Trans. Fluid Filter			7437000873		
Fuel Filter			9414100789		
V-Belt (A/C Compressor)			7074000127		
V-belt (A/C compressor) (Carr.)			7074000685		
V-belt (low temp)			7074000686		
Belt, Drive (alternator)			9414101068		
Element, safety (Air cleaner)			9304100068		
Element (Air cleaner)			9437100135		
Element (Hyd. Return)			9437100485		
Element (Hyd. valve)			9437100591		
Breather (axle)			7304000646		

RT500E2		Grove			
RT525E2 RT530E2 RT535E2					
Fluids and Lubricants					
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION		
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)		
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)		
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)		
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)		
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)		
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)		
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)		
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)		
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)		
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)		
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)		
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)		

RT500E2**RT525E2 RT530E2 RT535E2****Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829006952	*	9999300038	SILICONE BRAKE FLUID
6829006952	*	9188101086	SILICONE BRAKE FLUID
6829006952	*	9188101085	SILICONE BRAKE FLUID

RT500E2**RT525E2 RT530E2 RT535E2****Grove**

Cummins 6B5.9E

Cummins QSB 155C (Tier II)

P/N 7414100933, 7414100958

P/N 7414100973

Service Kits

250 Hr Engine	9999101836	9999101836
500 Hr Engine & Cab	9999101837	9999103723
1000 Hr Full w/o A/C	9999101838	9999103724
1000 Hr Full w/ A/C	9999101839	9999103725
2000 Hr Full w/o A/C & Meritor axles	9999101840	9999103726
2000 Hr Full w/ A/C & Meritor axles	9999101841	9999103727
2000 Hr Full w/o A/C & Axletech axles	9999102747	9999103728
2000 Hr Full w/ A/C & Axletech axles	9999102798	9999103729

Kit Components

Engine Oil Filter	9414101712	9414101712
Fuel Filter	9414101716	9414101716
Filter, Fuel / Water Separator		7437000747
Trans. Fluid Filter	7437000873	7437000873
Cab Filter	7437000840	7437000840
V-Belt (A/C Compressor)	9515102870	9576101424
Belt, Drive (alternator)	9414101576	9414101576
Element (Eng. Air filter)	9437100309	9437100309
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (axle)	7304000646	7304000646
Hyd Valve Inlet Filter	9926112004	9926112004
Breather (axle)(Axletech)	9049112686	9049112686
Breather (Hyd Res Fill Cap)		9258100173
Cartridge Assy Filter (Hyd Manifold)		9926110629

RT500E-2 (RT530E-2 RT540E-2)**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)

RT500E-2 (RT530E-2 RT540E-2)**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

**RT500E-2
(RT530E-2 RT540E-2)****Grove**

Cummins QSB 6.7, QSB 240, QSB-275

Service Kits

250 Hr Engine	9999102738
500 Hr Engine & Cab	9999102739
1000 Hr Full w/o A/C	9999102740
1000 Hr Full w/ A/C (w/A/C Compressor kit 7576134188)	9999102741
1000 Hr Full w/ A/C (w/A/C Compressor kit 7576134474)	9999102742
2000 Hr Full w/o A/C & Meritor axles	9999102743
2000 Hr Full w/ A/C & Meritor axles (w/A/C Compressor kit 7576134188)	9999102745
2000 Hr Full w/o A/C & Axletech axles	9999102744
2000 Hr Full w/ A/C & Axletech axles (w/A/C Compressor kit 7576134474)	9999102746

Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012

1000 Hr Full w/o A/C	9999102906
1000 Hr Full w/ A/C (w/A/C Compressor kit 7576134474)	9999102907
2000 Hr Full w/o A/C & Axletech axles	9999102908
2000 Hr Full w/ A/C & Axletech axles (w/A/C Compressor kit 7576134474)	9999102910

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	9414101755
Fuel Filter (Secondary)	9414101756
Trans. Fluid Filter	7437000873
Cab Filter	7437000840
V-Belt (A/C Compressor kit 7576134188)	9576101206
Belt (A/C Compressor kit 7576134474)	9576101424

RT500E-2 (RT530E-2 RT540E-2)		Cummins QSB 6.7, QSB 240, QSB-275
Belt, Drive (alternator)		9414101740
Element, Primary (Air cleaner)		9304100227
Element, Safety (Air cleaner)		9304100228
Element (Hyd. Return Filter)		9437100825
Breather Element (Hyd. Reservoir)		9258100173
Breather (axle)(Meritor)		7304000646
Breather (axle)(Axletech)		9049112686
Hyd Valve Inlet Filter		9926112004
Cartridge Assy Filter (Manifold vlv)		9926110629
Element, Primary (Air cleaner)(P/N 7304100012)		90001159
Element, Safety (Air cleaner)(P/N 7304100012)		90001160

RT535E RT540E RT545E		Grove
Fluids and Lubricants		
SPEC NO	SPEC NO 2	PART NO
6829101130	*	9999300201
6829101130	*	9999300202
6829101130	*	9999300203
6829101130	*	9999300204
6829003483	*	9999300010
6829003483	*	9999300007
6829003483	*	9999300008
6829003483	*	9999300009
6829003483	*	9999300211
6829003483	*	9999300234
6829012964	*	9999300047
6829100213	*	9999300062
6829003477	*	9999300020
6829003477	*	9999300021
6829003477	6829014326	9999300217
6829006444	*	9999300003
6829006444	*	9999300005
6829006444	*	9999300001
6829102971	*	9999300213
6829006952	*	9188101085
6829006952	*	9999300038
6829006952	*	9188101086

RT535E RT540E RT545E		Grove
Cummins QSB 6.7, QSB 240, QSB-275		
Service Kits		
Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012		
250 Hr Engine		9999102738
500 Hr Engine & Cab		9999102739
1000 Hr Full w/o A/C		9999102740
1000 Hr Full w/ A/C (w/A/C Compressor kit 7576134188)		9999102741
1000 Hr Full w/ A/C (w/A/C Compressor kit 7576134474)		9999102748
2000 Hr Full w/o A/C & Meritor axles		9999102743
2000 Hr Full w/ A/C & Meritor axles (w/A/C Compressor kit 7576134188)		9999102745
2000 Hr Full w/o A/C & Axletech axles		9999102744
2000 Hr Full w/ A/C & Axletech axles (w/A/C Compressor kit 7576134474)		9999102746
Kit Components		
Engine Oil Filter		9414101679
Fuel Filter (Primary)		9414101755
Fuel Filter (Secondary)		9414101756

RT535E RT540E RT545E		Cummins QSB 6.7, QSB 240, QSB-275
Trans. Fluid Filter		7437000873
Cab Filter		7437000840
V-Belt (A/C Compressor kit 7576134188)		9576101206
Belt (A/C Compressor kit 7576134474)		9576101424
Belt, Drive (alternator)		9414101740
Element, Primary (Air cleaner)		9304100227
Element, Safety (Air cleaner)		9304100228
Element (Hyd. Return Filter)		9437100825
Breather Element (Hyd. Reservoir)		9258100173
Breather (axle)(Meritor)		7304000646
Breather (axle)(Axletech)		9049112686
Hyd Valve Inlet Filter		9926112004
Cartridge Assy Filter (Manifold vlv)		9926110629
Element, Primary (Air cleaner)(P/N 7304100012)		90001159
Element, Safety (Air cleaner)(P/N 7304100012)		90001160

RT530E-2-4 RT540E4		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)

RT530E-2-4 RT540E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT530E-2-4 RT540E4**Grove**

Cummins QSBT3-160 (Tier III)

Cummins QSB6.7-160 (Tier IV)

P/N 80033701

P/N 80029032, 80055982

Service Kits

250 Hr Engine	9999102738	9999102738
500 Hr Engine & Cab	9999103733	9999103730
1000 Hr Full w/ or w/o A/C	9999103734	9999103731
2000 Hr Full w/ or w/o A/C	9999103735	9999103732

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter (Primary)	90013227	90019739
Fuel Filter (Secondary)		90024700
Fuel Filter (Fuel/Water Separator)	9414101756	9414101770
Fuel Filter		90025194
Cab Filter	90018864	90018864
Belt, V-ribbed (alternator)	90023884	90023882
Filter Ass'y, Primary (Air cleaner)	90019453	90019453
Filter Ass'y, Secondary (Air cleaner)	90019454	90019454
Trans. Fluid Filter	7437000873	7437000873
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd. Reservoir)	9258100173	9258100173
Breather (Trans Convert)	9904104050	9904104050
Breather (axle)	9049112686	9049112686
Filter (Directional Control Valve)	9926112004	9926112004
Filter (Manifold)	9926110629	9926110629

RT600E2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)

RT600E2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT600E2**Grove**

Cummins 6BTAA5.9

P/N 7414100938

P/N 7414100959

Service Kits

250 Hr Engine	9999101842	9999101842
500 Hr Engine & Cab (RedDot/Acme Heater)	9999101843	9999101843
1000 Hr Full w/o A/C (RedDot/Acme Heater)	9999101846	
1000 Hr Full w/o A/C (Acme Heater)		9999102206
1000 Hr Full w/ A/C (RedDot Heater)	9999101845	
1000 Hr Full w/ A/C (Acme Heater)	9999101847	9999102205
2000 Hr Full w/o A/C (RedDot/Acme Heater)	9999101850	
2000 Hr Full w/o A/C (Acme Heater)		9999102208
2000 Hr Full w/ A/C (RedDot Heater)	9999101849	
2000 Hr Full w/ A/C (Acme Heater)	9999101851	9999102207
2000 Hr Full w/o A/C & Axletech axles (Acme Heater)	9999102751	9999102749
2000 Hr Full w/ A/C & Axletech axles (Acme Heater)	9999102752	9999102750

Kit Components

Engine Oil Filter	9414101712	9414101712
Fuel Filter	9414101711	9414101711
Trans. Fluid Filter	7437000873	7437000873
Cab Filter	7437000840	7437000840
V-Belt (A/C Compressor) (RedDot)	7074000127	
Belt (A/C Compressor) (Acme)	9515102870	9515102870
Belt, Drive (alternator)	9414101576	9414101749
Element, Primary (Air cleaner)	9304100217	9304100217
Element, Safety (Air cleaner)	9304100218	9304100218
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (axle)(Merit)	7304000646	7304000646
Breather (axle)(Axletech)	9049112686	9049112686
Hyd Valve Inlet Filter	9926112004	9926112004

RT600E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)

RT600E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT600E3**Grove**

Cummins QSB 6.7 (Tier III)

Service Kits

250 Hr Engine	9999102738
500 Hr Engine & Cab	9999102739
1000 Hr Full w/o A/C	9999102753
1000 Hr Full w/ A/C	9999102754
2000 Hr Full w/o A/C	9999102755
2000 Hr Full w/ A/C	9999102756
Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012	
1000 Hr Full w/o A/C	9999102911
1000 Hr Full w/ A/C	9999102912
2000 Hr Full w/o A/C	9999102913
2000 Hr Full w/ A/C	9999102914
Use Below Kits w/Tier III Engine, w/ Air Cleaner P/N 7304100012 & Trans. Filter Head P/N 80035477	
1000 Hr Full w/o A/C	9999103124
1000 Hr Full w/ A/C	9999103125
2000 Hr Full w/o A/C	9999103126
2000 Hr Full w/ A/C	9999103127
Use Below Kits w/Tier III Engine, w/ Air Cleaner P/N 7304100012 & Trans. Filter Head P/N 80035477 & A/C Kit P/N 80032569	
1000 Hr Full w/o A/C	9999103742
1000 Hr Full w/ A/C	9999103743
2000 Hr Full w/o A/C	9999103744
2000 Hr Full w/ A/C	9999103745

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	90013227
Fuel Filter (Secondary)	9414101756
Trans. Fluid Filter	7437000873
Cab Filter	7437000840
Cab Filter	90018864
Belt (A/C Compressor)(P/N 7576134466 & 80032569)	9576102870
Belt, Drive (alternator)	9414101764
Element, Primary (Air cleaner)	9304100242
Element (Hyd. Return Filter)	9437100825
Breather Element (Hyd. Reservoir)	9258100007
Breather (axle)(Axletech)	9049112686
Hyd Valve Inlet Filter	9926112004
Element, Primary (Air cleaner)(P/N 7304100012)	90001159
Element, Safety (Air cleaner)(P/N 7304100012)	90001160
Trans. Fluid Filter (for filter head P/N 80035477)	80035478

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Grove**RT600E4 RT650E4**

Cummins QSB 6.7 (Tier IV)	Cummins QSB 6.7 - 173 (Tier III)
P/N 80029038, 80055987	P/N 80040998

Service Kits

250 Hr Engine	9999102738	9999102738
500 Hr Engine & Cab	9999103746	9999103751
1000 Hr Full w/o A/C	9999103747	9999103752
1000 Hr Full w/ A/C	9999103748	9999103753
2000 Hr Full w/o A/C	9999103749	9999103754
2000 Hr Full w/ A/C	9999103750	9999103755

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter (Primary)	90019739	90013227
Fuel Filter (Secondary)	90024700	
Fuel Filter (Fuel/Water Separator)	9414101770	9414101756
Fuel Filter	90025194	
Trans. Fluid Filter	80035478	80035478
Cab Filter	90018864	90018864
V-Belt (A/C Compressor)	80053819	80053820
Belt, Drive (alternator)	90023882	90023884
Element, Primary (Air cleaner)	90019453	90019453
Element, Secondary (Safety)(Air cleaner)	90019454	90019454
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Trans convert)	9904104050	9904104050
Breather (Hyd Reservoir)	9258100173	9258100173
Breather (axle)	9049112686	9049112686

RT700E2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT700E2**Grove**

Cummins QSB

Service Kits

250 Hr Engine	9999101853
500 Hr Engine & Cab (RedDot/Acme Heater)	9999101854
1000 Hr Full w/o A/C (RedDot/Acme Heater)	9999101857
1000 Hr Full w/ A/C (RedDot)	9999101949
1000 Hr Full w/ A/C (Acme)	9999101858
2000 Hr Full w/o A/C (RedDot/Acme Heater)	9999101861
2000 Hr Full w/ A/C (RedDot)	9999101860
2000 Hr Full w/ A/C (Acme)	9999101862

RT700E2	Grove
	Cummins QSB

Kit Components	
Engine Oil Filter	9414101679
Fuel Filter	9414101742
Trans. Fluid Filter	7437000873
Cab Filter	7437000840
V-Belt (A/C Compressor) (RedDot)	7074000127
Belt (A/C Compressor) (Acme)	9576102870
Belt, Drive (alternator)	9414101744
Element, Primary (Air cleaner)	9304100227
Element, Primary (Air cleaner)	9304100228
Element (Hyd. Return Filter)	9437100825
Breather (axle)(Meritor)	7304000646
Hyd Valve Inlet Filter	9926112004

RT700E3	Grove		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)

RT700E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT700E3**Grove**

Cummins QSB 240 (Tier III)

Service Kits

250 Hr Engine		9999102738
500 Hr Engine & Cab		9999102739
1000 Hr Full w/o A/C		9999102757
1000 Hr Full w/ A/C		9999102758
2000 Hr Full w/o A/C		9999102759
2000 Hr Full w/ A/C		9999102761
2000 Hr Full w/o A/C & Axletech Axles		9999102760
2000 Hr Full w/ A/C & Axletech Axles		9999102761

Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012

1000 Hr Full w/o A/C	9999102915
1000 Hr Full w/ A/C	9999102916
2000 Hr Full w/o A/C & Axletech Axles	9999102918
2000 Hr Full w/ A/C & Axletech Axles	9999102917

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	9414101755
Fuel Filter (Secondary)	9414101756
Trans. Fluid Filter	7437000873
Cab Filter	7437000840
Belt (A/C Compressor)	9576102870
Belt, Drive (alternator)	9414101740
Element, Primary (Air cleaner)	9304100242
Element (Hyd. Return Filter)	9437100825
Breather Element (Hyd. Reservoir)	9258100007
Breather (axle)(Meritor)	7304000646
Breather (axle)(Axletech)	9049112686
Hyd Valve Inlet Filter	9926112004
Element, Primary (Air cleaner)(P/N 7304100012)	90001159
Element, Safety (Air cleaner)(P/N 7304100012)	90001160

RT700E4 RT760E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)

RT700E4 RT760E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT700E4 RT760E4**Grove**

Cummins QSBT3-240-2011 (Tier III)

Cummins QSBT4-240 (Tier IV)

P/N 80023237

P/N 80010834

Service Kits

250 Hr Engine	9999102738	9999102738
500 Hr Engine & Cab	9999103132	9999103137
1000 Hr Full w/ or w/o A/C	9999103133	9999103138
2000 Hr Full w/ or w/o A/C	9999103135	9999103140

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter (Primary)	90013227	90019739
Fuel Filter (Secondary)	9414101756	9414101770
Cab Filter	90018864	90018864
Belt, V-ribbed (alternator)	90019747	90019746
Filter Ass'y, Primary (Air cleaner)	90019453	90019453
Filter Ass'y, Secondary (Air cleaner)	90019454	90019454
Trans. Fluid Filter	80035478	80035478
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd. Reservoir)	9258100173	9258100173
Breather (axle)	9049112686	9049112686
Filter (Directional Control Valve)	9926112004	9926112004

RT765E-2 RT770E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT765E-2 RT770E4**Grove**

Cummins QSB 6.7-240 (Tier IV)

Cummins QSB 6.7-240 (Tier III)

P/N 80010834, 80055985

P/N 80023237

Service Kits

250 Hr Engine	9999102738	9999102738
500 Hr Engine & Cab	9999103758	9999103132
1000 Hr Full w/ or w/o A/C	9999103759	9999103756
2000 Hr Full w/ or w/o A/C	9999103760	9999103757

Grove

RT765E-2 RT770E4

Cummins QSB 6.7-240 (Tier IV)

Cummins QSB 6.7-240 (Tier III)

P/N 80010834, 80055985

P/N 80023237

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter (Primary)	90019739	90013227
Fuel Filter (Secondary)	90024700	
Fuel Filter (Fuel/Water Separator)	9414101770	9414101756
Trans. Fluid Filter	7437000873	7437000873
Cab Filter	90018864	90018864
Belt, Drive (alternator)	90019746	90021444
Element, Primary (Air cleaner)	90019453	90019453
Element, Secondary (Safety)(Air cleaner)	90019454	90019454
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Trans convert)	9904104050	9904104050
Breather (Hyd Reservoir)	9258100173	9258100173
Breather (axle)	9049112686	9049112686
Filter (Directional Control Valve)	9926112004	9926112004

Grove

RT800E2 RT875E2

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	CONTAINER SIZE	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)	
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	

Grove

RT800E2 RT875E2

Cummins QSB, QSB 275

P/N 7414100935

P/N 7414100960

Service Kits

250 Hr Engine	9999102265	9999102265
500 Hr Engine & Cab	9999102266	9999102266
1000 Hr Full w/o A/C	9999102269	9999102270
1000 Hr Full w/ A/C	9999102267	9999102268
2000 Hr Full w/o A/C	9999102273	9999102274
2000 Hr Full w/ A/C	9999102271	9999102272

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter	9414101742	9414101742
Trans. Fluid Filter	9437100555	9437100555
Cab Filter	7437000840	7437000840
Belt (A/C Compressor)	9576101206	9576101206
Belt, Drive (alternator)	9414101744	9414101740
Element, Primary (Air cleaner)	9304100227	9304100227
Element, Safety (Air cleaner)	9304100228	9304100228
Element (Hyd. Return Filter)	9437100862	9437100862
Breather (axle)(Meritor)	7304000646	7304000646

RT800E3 RT875E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT800E3 RT875E3**Grove**

Cummins QSB-275

Service Kits

250 Hr Engine	9999102738
500 Hr Engine & Cab	9999102762
1000 Hr Full w/o A/C	9999102763
1000 Hr Full w/ A/C	9999102764
2000 Hr Full w/o A/C	9999102765
2000 Hr Full w/ A/C	9999102766
2000 Hr Full w/o A/C & Axletech axles	9999102767

Grove
RT800E3 RT875E3

Cummins QSB-275

2000 Hr Full w/ A/C & Axletech axles	9999102768
Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012	
1000 Hr Full w/o A/C	9999102919
1000 Hr Full w/ A/C	9999102920
2000 Hr Full w/o A/C & Axletech axles	9999102921
2000 Hr Full w/ A/C & Axletech axles	9999102922

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	9414101755
Fuel Filter (Secondary)	9414101756
Trans. Fluid Filter	7437000873
Cab Filter	7437000840
V-Belt (A/C Compressor)	9576101206
Belt, Drive (alternator)	9414101757
Element, Primary (Air cleaner)	9304100242
Element (Hyd. Return Filter)	9437100862
Breather Element (Hyd. Reservoir)	9258100187
Breather (axle)(Meritor)	7304000646
Breather (axle)(Axletech)	9049112686
Element, Primary (Air cleaner)(P/N 7304100012)	90001159
Element, Safety (Air cleaner)(P/N 7304100012)	90001160

RT880E3
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)

RT880E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT880E3**Grove**

Cummins QSB-275

Service Kits

250 Hr Engine		9999102738
500 Hr Engine & Cab		9999102762
1000 Hr Full w/o A/C		9999102763
1000 Hr Full w/ A/C		9999102923
2000 Hr Full w/o A/C & Axletech axles		9999102924
2000 Hr Full w/ A/C & Axletech axles		9999102925
<i>Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012</i>		
1000 Hr Full w/o A/C		9999102926
1000 Hr Full w/ A/C		9999102927
2000 Hr Full w/o A/C & Axletech axles		9999102928
2000 Hr Full w/ A/C & Axletech axles		9999102929

Kit Components

Engine Oil Filter		9414101679
Fuel Filter (Primary)		9414101755
Fuel Filter (Secondary)		9414101756
Trans. Fluid Filter		7437000873
Cab Filter		7437000840
V-Belt (A/C Compressor)		9414101763
Belt, Drive (alternator)		9414101757
Element, Primary (Air cleaner)		9304100242
Element (Hyd. Return Filter)		9437100862
Breather Element (Hyd. Reservoir)		9258100173
Breather (axle)(Axletech)		9049112686
Cartridge Assy, Filter (Hyd Valve)		9926112775
Element, Primary (Air cleaner)(P/N 7304100012)		90001159
Element, Safety (Air cleaner)(P/N 7304100012)		90001160

RT880E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)

RT880E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	9999300230	TRANSMISSION FLUID 5W-30 (SHELL DONAX TD)

RT880E4**Grove**

Cummins QSBT3-2011 (Tier III)

Cummins QSBT4-275 (Tier IV)

P/N 80023003

P/N 80010833

Service Kits

250 Hr Engine	9999102738	9999102738
500 Hr Engine & Cab	9999103132	9999103137
1000 Hr Full w/ or w/o A/C	9999103134	9999103139
2000 Hr Full w/ or w/o A/C	9999103136	9999103141

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter (Primary)	90013227	90019739
Fuel Filter (Secondary)	9414101756	9414101770
Cab Filter	90018864	90018864
Belt, V-ribbed (alternator)	90019747	90019747
Filter Ass'y, Primary (Air cleaner)	90019453	90019453
Filter Ass'y, Secondary (Air cleaner)	90019454	90019454
Trans. Fluid Filter	80035478	80035478
Element (Hyd. Return Filter)	9437100849	9437100849
Breather (Hyd. Reservoir)	9258100173	9258100173
Breather (axle)	9049112686	9049112686
Filter (Directional Control Valve)	9926112775	9926112775

RT890E2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

RT890E2**Grove**

Cummins QSB, QSB 275

P/N 7414100935

P/N 7414100960

Service Kits

250 Hr Engine	9999101864	9999101864
500 Hr Engine & Cab	9999101865	9999101865
1000 Hr Full w/o A/C	9999101867	9999102210
1000 Hr Full w/ A/C	9999101866	9999102209
2000 Hr Full w/o A/C	9999101869	9999102212
2000 Hr Full w/ A/C	9999101868	9999102211

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter	9414101742	9414101742
Trans. Fluid Filter	9437100555	9437100555
Cab Filter	7437000840	7437000840
Belt (A/C Compressor)	9576101206	9576101206
Belt, Drive (alternator)	9414101744	9414101740
Element, Primary (Air cleaner)	9304100227	9304100227
Element, Safety (Air cleaner)	9304100228	9304100228
Element (Hyd. Return Filter)	9437100862	9437100862
Breather (axle)(Meritor)	7304000646	7304000646

RT890E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)

RT890E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	9999300230	TRANSMISSION FLUID 5W-30 (SHELL DONAX TD)

RT890E3**Grove**

Cummins QSB-275

Service Kits

250 Hr Engine	9999102738
500 Hr Engine & Cab	9999102762
1000 Hr Full w/o A/C	9999102763
1000 Hr Full w/ A/C	9999102771
2000 Hr Full w/o A/C (Hyd Reservoir 7880100070)	9999102772
2000 Hr Full w/ A/C (Hyd Reservoir 7880100070)	9999102773
2000 Hr Full w/o A/C & Axletech axles (Hyd Reservoir 7880100093)	9999102774
2000 Hr Full w/ A/C & Axletech axles (Hyd Reservoir 7880100093)	9999102775

Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012

1000 Hr Full w/o A/C	9999102930
1000 Hr Full w/ A/C	9999102931
2000 Hr Full w/o A/C & Axletech axles	9999102932
2000 Hr Full w/ A/C & Axletech axles	9999102933

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	9414101755
Fuel Filter (Secondary)	9414101756
Trans. Fluid Filter	7437000873

RT890E3		Grove
		Cummins QSB-275
Cab Filter		7437000840
V-Belt (A/C Compressor)		9576101206
Belt (A/C Compressor)		9414101763
Belt, Drive (alternator)		9414101757
Element, Primary (Air cleaner)		9304100242
Element (Hyd. Return Filter)		9437100862
Breather Element (Hyd. Reservoir P/N 7880100070)		9258100187
Breather Element (Hyd. Reservoir P/N 7880100093)		9258100173
Breather (axle)(Meritor)		7304000646
Breather (axle)(Axletech)		9049112686
Cartridge Assy, Filter (Hyd Valve)		9926112775
Element, Primary (Air cleaner)(P/N 7304100012)		90001159
Element, Safety (Air cleaner)(P/N 7304100012)		90001160

RT890E4		Grove		
Fluids and Lubricants				
SPEC NO	SPEC NO 2	PART NO	CONTAINER SIZE	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)	
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)	
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
Cold weather Package (-20°F / -29°C)				
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	

RT890E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	CONTAINER SIZE	DESCRIPTION
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)	
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)	
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)	
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
*	*	9999300230	TRANSMISSION FLUID 5W-30 (SHELL DONAX TD)	

RT890E4**Grove**

Cummins QSBT3-2011 (Tier III)

Cummins QSBT4-275 (Tier IV)

P/N 80023003

P/N 80010833

Service Kits

250 Hr Engine	9999102738	9999102738
500 Hr Engine & Cab	9999103132	9999103137
1000 Hr Full w/ or w/o A/C	9999103134	9999103139
2000 Hr Full w/ or w/o A/C	9999103136	9999103141

Kit Components

Engine Oil Filter	9414101679	9414101679
Fuel Filter (Primary)	90013227	90019739
Fuel Filter (Secondary)	9414101756	9414101770
Cab Filter	90018864	90018864
Belt, V-ribbed (alternator)	90019747	90019747
Filter Ass'y, Primary (Air cleaner)	90019453	90019453
Filter Ass'y, Secondary (Air cleaner)	90019454	90019454
Trans. Fluid Filter	80035478	80035478
Element (Hyd. Return Filter)	9437100849	9437100849
Breather (Hyd. Reservoir)	9258100173	9258100173
Breather (axle)	9049112686	9049112686
Filter (Directional Control Valve)	9926112775	9926112775

RT9000E2 RT9130E2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Grove**RT9000E2 RT9130E2**

Cummins QSC 8.3-300

Service Kits

250 Hr Engine	9999101870
500 Hr Engine & Cab (RedDot/Acme Heater)	9999101871
1000 Hr Full w/o A/C (RedDot/Acme Heater)	9999101874
1000 Hr Full w/ A/C (RedDot)	9999101873
1000 Hr Full w/ A/C (Acme)	9999101875
2000 Hr Full w/o A/C (RedDot/Acme Heater)	9999101878
2000 Hr Full w/ A/C (RedDot)	9999101877
2000 Hr Full w/ A/C (Acme)	9999101879

Kit Components

Engine Oil Filter	9414101523
Fuel Filter	9414101524
Fuel Water Separator Filter	7437000747
Engine Coolant Filter	9414101309
Trans. Fluid Filter	9437100555
Cab Filter	7437000840
V-Belt (A/C Compressor) (RedDot)	7074000127
Belt (A/C Compressor) (Acme)	9414102870
Belt, Drive (alternator)	9414101576
Element, Primary (Air cleaner)	9304100227
Element, Primary (Air cleaner)	9304100228
Element (Hyd. Return Filter)	9437100849
Breather (axle)(Meritor)	7304000646

RT9130E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Grove

RT9130E3

Cummins QSC 8.3-300 (Tier III)

Service Kits

250 Hr Engine	9999102776
500 Hr Engine & Cab	9999102777
1000 Hr Full w/o A/C	9999102778
1000 Hr Full w/ A/C	9999102779
2000 Hr Full w/o A/C	9999102780
2000 Hr Full w/ A/C	9999102781

Use Below Kits w/Tier III Engine & Air Cleaner P/N 7304100012

1000 Hr Full w/o A/C	9999102934
1000 Hr Full w/ A/C	9999102935
2000 Hr Full w/o A/C	9999102936
2000 Hr Full w/ A/C & Axletech axles	9999102937

Kit Components

Engine Oil Filter	9414101523
Fuel Filter (Primary)	9414101767
Fuel Water Separator Filter (Secondary)	9414101746
Engine Coolant Filter	9414101309
Trans. Fluid Filter	9437100555
Cab Filter	7437000840
Belt (A/C Compressor)	9515102870
Belt, Drive (alternator)	9414101768
Element, Primary (Air cleaner)	9304100242
Element (Hyd. Return Filter)	9437100849
Breather Element (Hyd. Reservoir)	9258100173
Breather (axle)(Meritor)	7304000646
Element, Primary (Air cleaner)(P/N 7304100012)	90001159
Element, Safety (Air cleaner)(P/N 7304100012)	90001160

Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

Grove
RT9130E4 RT9130E-2

Cummins QSC T3-2011 (Tier III)

Cummins QSL T4 (Tier IV)

P/N 80027359

P/N 80015417, 80041002

Service Kits

250 Hr Engine	9999102776	9999103147
500 Hr Engine & Cab	9999103142	9999103148
1000 Hr Full w/o A/C	9999103143	9999103149
1000 Hr Full w/ A/C	9999103144	9999103150
2000 Hr Full w/o A/C	9999103145	9999103151
2000 Hr Full w/ A/C	9999103146	9999103152

Kit Components

Engine Oil Filter	A104130	90019893
Coolant Filter (Corrosion Resistor)	9414101309	A129710
Fuel Filter (Primary)	9414101767	94141769
Fuel Filter (Secondary)	9414101746	9414101770
Cab Filter	90018864	90018864
Belt, V-ribbed (alternator)	9414101768	90020544
Filter Ass'y, Primary (Air cleaner)	90001159	90019453
Filter Ass'y, Secondary (Air cleaner)	90001160	90019454
Trans. Fluid Filter	9437100555	9437100555
Element (Hyd. Return Filter)	9437100849	9437100849
Breather (Hyd. Reservoir)	9258100173	9258100173
Breather (axle)	7304000646	7304000646
Breather (axle)(Kessler)	03319200	03319200
Belt (A/C Compressor)	9515102870	9515102870

RT9150E3
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

RT9150E3**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

RT9150E3**Grove**

Cummins QSC 8.3-300 (Tier III)

Service Kits

250 Hr Engine	9999102776
500 Hr Engine & Cab	9999102777
1000 Hr Full w/o A/C	9999102938
1000 Hr Full w/ A/C	9999102939
2000 Hr Full w/o A/C	9999102940
2000 Hr Full w/ A/C	9999102941

Kit Components

Engine Oil Filter	9414101523
Fuel Filter (Primary)	9414101767
Fuel Water Separator Filter (Secondary)	9414101746
Engine Coolant Filter	9414101309
Trans. Fluid Filter	9437100555
Cab Filter	7437000840
Belt (A/C Compressor)	90012174
Belt, Drive (alternator)	9414101768
Element (Hyd. Return Filter)	9437100849
Breather Element (Hyd. Reservoir)	9258100173
Breather (axle)(Meritor)	7304000646
Element, Primary (Air cleaner)(P/N 7304100012)	90001159
Element, Safety (Air cleaner)(P/N 7304100012)	90001160
Element, Filter (Hyd Pressure filter)	03326047

RT9150E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)

RT9150E4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829104412	*	9999300313	ENGINE OIL SAE 5W-40 SYNTHETIC (API CJ-4) MOBIL DELVAC 1 ESP
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

RT9150E4**Grove**

Cummins QSC T3-2011 (Tier III)

Cummins QSL T4 (Tier IV)

P/N 80028353

P/N 80015416

Service Kits

250 Hr Engine	9999102776	9999103147
500 Hr Engine & Cab	9999103142	9999103157
1000 Hr Full w/o A/C	9999103153	9999103158
1000 Hr Full w/ A/C	9999103154	9999103159
2000 Hr Full w/o A/C	9999103155	9999103160
2000 Hr Full w/ A/C	9999103156	9999103161

Kit Components

Engine Oil Filter	A104130	90019893
Coolant Filter (Corrosion Resistor)	4136240	A129710
Fuel Filter (Primary)	9414101767	9414101769
Fuel Filter (Secondary)	9414101746	9414101770
Cab Filter	90018864	90018864
Belt, V-ribbed (alternator)	9414101768	90020544
Filter Ass'y, Primary (Air cleaner)	90001159	90019453
Filter Ass'y, Secondary (Air cleaner)	90001160	90019454
Trans. Fluid Filter	9437100555	9437100555

RT9150E4	Cummins QSC T3-2011 (Tier III)	Cummins QSL T4 (Tier IV)
	P/N 80028353	P/N 80015416
Element (Hyd. Return Filter)	9437100849	9437100849
Element, Filter (Hyd. Pressure)	03142356	03142356
Breather (Hyd. Reservoir)	9258100173	9258100173
Breather (axle)	7304000646	7304000646
Breather (axle)(Kessler)	03319200	03319200
Belt (A/C Compressor)	90012174	90012174
Filter (Hyd valve)	90018135	90018135

TMS500E2		Grove	
Fluids and Lubricants (Caterpillar Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

TMS500E2		Grove
Service Kits (Caterpillar Engine)		
250 Hr Engine	9999101881	9999101896
500 Hr Engine & Cab (RedDot Heater)	9999101882	9999101897
500 Hr Engine & Cab (Acme Heater)	9999101883	9999101898
1000 Hr Full w/o A/C (RedDot)	9999101884	9999101899
1000 Hr Full w/o S/S A/C or w/Carr A/C (Acme)	9999101885	9999101900
1000 Hr Full w/Carr A/C (RedDot)	9999101886	9999101901
1000 Hr Full w/ S/S A/C (RedDot)	9999101887	9999101902
1000 Hr Full w/Carr & S/S A/C (RedDot)	9999101888	9999101903
1000 Hr Full w/ S/S A/C or w/Carr & S/S A/C (Acme)	9999101889	9999101904
2000 Hr Full w/o A/C (RedDot)	9999101890	9999101905
2000 Hr Full w/o S/S A/C or w/Carr A/C (Acme)	9999101891	9999101906
2000 Hr Full w/Carr A/C (RedDot)	9999101892	9999101907
2000 Hr Full w/ S/S A/C (RedDot)	9999101893	9999101908
2000 Hr Full / Carr & S/S A/C (RedDot)	9999101894	9999101909
2000 Hr Full w/ S/S A/C or w/Carr & S/S A/C (Acme)	9999101895	9999101910

Kit Components		
Engine Oil Filter	9414101181	9414101181
Fuel Filter	9414101300	9414101300

TMS500E2		Caterpillar 3126E-288	Caterpillar 3126E-300
Fuel Water Separator Filter		7437000747	7437000747
Cab Filter (S/S)		7437000840	7437000840
Cab Filter (Carrier)		9576101253	9576101253
Filter, Cab Roof top (Carrier)		9576100820	9576100820
V-Belt (A/C Compressor) (RedDot)		7074000127	7074000127
Belt (A/C Compressor)		9515102870	9515102870
Belt, Drive (alternator)		7074100003	7074100003
Element Primary (Air cleaner)		9304100001	9304100001
Gasket Cup (Air cleaner)		9304100028	9304100028
Element (Hyd. Return Filter)		9437100825	9437100825
Filter (axle)		9049108765	9049108765
Breather (axle)(Meritor)		7304000646	7304000646

TMS500E TMS500E07				Grove
Fluids and Lubricants (Cummins Engine)				
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)	
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)	
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)	
6829013433	*	9999300311	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)	
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID	
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID	

TMS500E TMS500E07		Cummins ISC
Service Kits (Cummins Engine)		
250 Hr Engine		9999102275
500 Hr Engine & Cab		9999102276
<i>Use Below Kits w/ Allison 3500SP Transmission</i>		
1000 Hr Full w/o A/C		9999102778
1000 Hr Full w/Carr A/C		9999102280
1000 Hr Full w/ S/S A/C		9999102282
1000 Hr Full w/Carr & S/S A/C		9999102284
2000 Hr Full w/o A/C		9999102286
2000 Hr Full w/Carr A/C		9999102288
2000 Hr Full w/ S/S A/C		9999102290

Grove
TMS500E TMS500E07

Cummins ISC

2000 Hr Full w/Carr & S/S A/C

9999102291

Use Below Kits w/ Eaton RTO-10910 Transmission**1000 Hr Full w/o A/C**

9999102277

1000 Hr Full w/Carr A/C

9999102279

1000 Hr Full w/ S/S A/C

9999102281

1000 Hr Full w/Carr & S/S A/C

9999102283

2000 Hr Full w/o A/C

9999102285

2000 Hr Full w/Carr A/C

9999102287

2000 Hr Full w/ S/S A/C

9999102289

2000 Hr Full w/Carr & S/S A/C

9999102292

Use Below Kits w/ Allison 3500SP Transmission & Hendrickson ARZ Rear Suspension**2000 Hr Full w/o A/C**

9999102782

2000 Hr Full w/Carr A/C

9999102783

2000 Hr Full w/ S/S A/C

9999102784

2000 Hr Full w/Carr & S/S A/C

9999102785

Kit Components

Engine Oil Filter	9414101523
Fuel Filter (Primary)	9414101745
Fuel Water Separator Filter (Secondary)	9414101746
Engine Coolant Filter	9414101309
Kit, Element/O-ring (transmission)	9904106499
Cab Filter (S/S)	7437000840
Cab Filter (carrier)	9576101253
Belt (A/C Compressor)(carrier)	9576101321
Belt (A/C Compressor)(S/S)	9515102870
Belt, Drive (alternator)	9414101373
Element, Primary (Air cleaner)	9304100001
Gasket Cup (air cleaner)	9304100028
Element (Hyd. Return Filter)	9437100825
Filter (axle)	9049108765
Breather (axle)(Meritor)	7304000646
Hyd Valve Inlet Filter	9926112004

TMS700E
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

TMS700E**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829013433	*	9999300311	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS700E**Grove**

Cummins ISM02-450 (12V)

Service Kits

250 Hr Engine	9999101911
500 Hr Engine & Cab (RedDot Heater)	9999101912
500 Hr Engine & Cab (Acme Heater)	9999101913
1000 Hr Full w/o A/C (RedDot)	9999101914
1000 Hr Full w/o A/C (Acme)	9999101915
1000 Hr Full w/Carr A/C (V-Belt)(RedDot)	9999101916
1000 Hr Full w/S/S A/C (RedDot)	9999101917
1000 Hr Full w/Carr A/C (V-Belt) & S/S A/C (RedDot)	9999101918
1000 Hr Full w/Carr A/C (K-BELT)(RedDot)	9999101919
1000 Hr Full w/Carr A/C (K-Belt) & S/S A/C (RedDot)	9999101920
1000 Hr Full w/Carr A/C (ACME)	9999101921
1000 Hr Full w/S/S A/C (ACME)	9999101922
1000 Hr Full w/Carr & S/S A/C (ACME)	9999101923
2000 Hr Full w/o A/C (RedDot)	9999101925
2000 Hr Full w/o A/C (Acme)	9999101924
2000 Hr Full w/Carr A/C (V-Belt)(RedDot)	9999101926
2000 Hr Full w/S/S A/C (RedDot)	9999101927
2000 Hr Full w/Carr A/C (V-Belt) & S/S A/C (RedDot)	9999101928
2000 Hr Full w/Carr A/C (K-BELT)(RedDot)	9999101929
2000 Hr Full w/Carr A/C (K-Belt) & S/S A/C (RedDot)	9999101930
2000 Hr Full w/Carr A/C (ACME)	9999101931
2000 Hr Full w/S/S A/C (ACME)	9999101932
2000 Hr Full w/Carr & S/S A/C (ACME)	9999101933

Kit Components

Engine Oil Filter	9414101645
Fuel Filter Element (in-line)	9414101307
Engine Coolant Filter	9414101674
Filter Element (Transmission)	7437000794
Kit, Element/O-ring (transmission)	9904106499
Cab Filter (S/S)	7437000840
Cab Filter (carrier)	9576101253
Filter, Cab Roof top (Carrier)	9576100820
V-Belt (A/C Compressor)(carrier)	9414101685
K-Belt(A/C Compressor)(carrier)	9414101715
V-Belt (A/C Compressor)(S/S)	7074000127
Belt (A/C Compressor)(carrier)	9576101247
Belt (A/C Compressor)(S/S)	9515102870
Belt, Drive (alternator)	9414101557
Element, Primary (Air cleaner)	9304100037
Element, Safety (Air cleaner)	9304100176
Element (Hyd. Return Filter)	9437100569
Filter (axle)	9049108765
Breather (axle)(Meritor)	7304000646

TMS700E07**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)

TMS700E07**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS700E07**Grove**Cummins
ISM07-450 (Tier III)(12V)Cummins
QSMT3 (Tier III)(12V)**Service Kits**

250 Hr Engine	9999102786	9999102958
500 Hr Engine & Cab	9999102787	9999102960
1000 Hr Full w/o A/C	9999102788	9999102961
1000 Hr Full w/ Carr A/C	9999102789	9999102962
1000 Hr Full w/ S/S A/C	9999102790	9999102963
1000 Hr Full w/ Carr & S/S A/C	9999102791	9999102964
2000 Hr Full w/o A/C	9999102792	9999102965
2000 Hr Full w/ Carr A/C	9999102793	9999102966
2000 Hr Full w/ S/S A/C	9999102794	9999102967
2000 Hr Full / Carr & S/S A/C	9999102795	9999102968

Kit Components

Engine Oil Filter	9414101645	9414101645
Fuel Filter Element (in-line)	9414101307	9414101307
Engine Coolant Filter	9414101674	A129710
Transmission Filter	7437000794	7437000794
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (S/S)	7437000840	7437000840
Cab Filter (Carrier)	9576101253	9576101253
Belt, Poly Cog (A/C Compressor) (Carrier)	9576101386	9576101386
Belt (A/C Compressor) (S/S)	9515102870	9515102870
Belt, Drive (alternator)	9414101740	9414101740
Element (Air cleaner)	9304100037	9304100037
Element (Air cleaner)	9304100176	9304100176
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd Reservoir)	9258100007	9258100007
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Hyd Valve Inlet Filter	9926112004	9926112004

TMS700E10**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

TMS700E10**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS700E10**Grove**

Cummins ISX11.9-2010 (Tier IV)(12V)

Cummins QSMT3-2010 (Tier III)(12V)

P/N 80019360

P/N 80032354

Service Kits

250 Hr Engine	9999103736	9999103765
500 Hr Engine & Cab	9999103737	9999103766
1000 Hr Full w/o A/C	9999103738	9999103767
1000 Hr Full w/Carr A/C	9999103739	9999103768
1000 Hr Full w/ S/S A/C	9999103740	9999103769
1000 Hr Full w/ Carr & S/S A/C	9999103741	9999103770
2000 Hr Full w/o A/C	9999103761	9999103771
2000 Hr Full w/ Carr A/C	9999103762	9999103772
2000 Hr Full w/ S/S A/C	9999103763	9999103773
2000 Hr Full /Carr & S/S A/C	9999103764	9999103774

Kit Components

Engine Oil Filter	A047950	90022561
Fuel Filter Element	90023820	
Fuel Filter Element	90023892	90023892
Engine Coolant Filter	A047940	A129710
Transmission Filter	7437000795	7437000795
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (S/S)	90018864	90018864
Cab Filter (Carrier)	90021832	90021832
Belt, Poly Cog (A/C Compressor)(Carrier)	90019688	
Belt (A/C Compressor) (S/S)	9515102870	9515102870
Belt, Drive (alternator)	80038605	80028807
Element (Safety)(Air cleaner)	9304100037	9304100037
Element (Primary)(Air cleaner)	9304100176	9304100176
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd Reservoir)	9258100007	9258100007
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Hyd Valve Inlet Filter	9926112004	9926112004

TMS700E13**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS700E13**Grove**

Cummins ISX11.9-2013 (Tier IV)(12V)

Cummins QSMT3-2010 (Tier III)(12V)

P/N 80040420

P/N 80032354

Service Kits

250 Hr Engine	9999103736	9999103765
500 Hr Engine & Cab	9999103737	9999103766
<i>Use Below Kits w/ Air Cleaner P/N 7304000639</i>		
1000 Hr Full w/o A/C	9999103738	9999103767
1000 Hr Full w/ Carr A/C	9999103739	9999103768
1000 Hr Full w/ S/S A/C	9999103740	9999103769
1000 Hr Full w/ Carr & S/S A/C	9999103741	9999103770
2000 Hr Full w/o A/C	9999103775	9999103787
2000 Hr Full w/ Carr A/C	9999103776	9999103788
2000 Hr Full w/ S/S A/C	9999103777	9999103789
2000 Hr Full / Carr & S/S A/C	9999103778	9999103790
<i>Use Below Kits w/ Air Cleaner P/N 7304100012</i>		
1000 Hr Full w/o A/C	9999103779	
1000 Hr Full w/ Carr A/C	9999103780	
1000 Hr Full w/ S/S A/C	9999103781	
1000 Hr Full w/ Carr & S/S A/C	9999103782	
2000 Hr Full w/o A/C	9999103783	
2000 Hr Full w/ Carr A/C	9999103784	
2000 Hr Full w/ S/S A/C	9999103785	
2000 Hr Full / Carr & S/S A/C	9999103786	

Grove
TMS700E13

Cummins ISX11.9-2013 (Tier IV)(12V)

Cummins QSMT3-2010 (Tier III)(12V)

P/N 80040420

P/N 80032354

Kit Components

Engine Oil Filter	A047950	90022561
Fuel Filter Element	90023820	
Fuel Filter Element	90023892	90023892
Engine Coolant Filter	A047940	A129710
Transmission Filter	7437000795	7437000795
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (S/S)	90018864	90018864
Cab Filter (Carrier)	90021832	90021832
Belt, Poly Cog (A/C Compressor)(Carrier)	90019688	
Belt (A/C Compressor) (S/S)	9515102870	9515102870
Belt, Drive (alternator)	80038605	80028807
Element (Safety)(Air cleaner)	9304100037	9304100037
Element (Primary)(Air cleaner)	9304100176	9304100176
Element (Safety)(Air cleaner)(P/N 7304100012)	90001160	
Element (Primary)(Air cleaner)(P/N 7304100012)	90001159	
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd Reservoir)	9258100007	9258100007
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Hyd Valve Inlet Filter	9926112004	9926112004
Kit, Cartridge Filter (air dryer)	9515101338	

TMS800E2
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829013433	*	9999300311	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS800E2		Grove
		Cummins ISM02-450 (12V)
Service Kits		
250 Hr Engine		9999102255
500 Hr Engine & Cab		9999102256
1000 Hr Full w/o A/C		9999102257
1000 Hr Full w/Carr A/C		9999102258
1000 Hr Full w/ S/S A/C		9999102259
1000 Hr Full w/Carr & S/S A/C		9999102260
Use Below Kits w/Hyd Reservoir P/Ns 7880100088 & 89, 7880100102, 7880100110		
2000 Hr Full w/o A/C		9999102261
2000 Hr Full w/Carr A/C		9999102262
2000 Hr Full w/ S/S A/C		9999102263
2000 Hr Full w/Carr & S/S A/C		9999102264
Use Below Kits w/Hyd Reservoir P/Ns 7880100118		
1000 Hr Full w/o A/C		9999102969
1000 Hr Full w/Carr A/C		9999102970
1000 Hr Full w/ S/S A/C		9999102971
1000 Hr Full w/Carr & S/S A/C		9999102972
Kit Components		
Engine Oil Filter		9414101645
Fuel Filter Element (in-line)		9414101307
Engine Coolant Filter		9414101674
Transmission Filter		7437000794
Kit, Element/O-ring (transmission)		9904106499
Cab Filter (S/S)		7437000840
Cab Filter (carrier)		9576101253
Belt, Poly Cog (A/C Compressor) (Carrier)		9576101386
Belt (A/C Compressor)(S/S)		9515102870
Belt, Drive (alternator)		9414101740
Element (Air cleaner)		9304100037
Element (Air cleaner)		9304100176
Element (Hyd. Return Filter)		9437100569
Breather Element (Hyd. Reservoir)		9258100173
Breather Element (Hyd. Reservoir P/N 7880100118)		7437000159
Filter (axle)		9049108765
Breather (axle)(Meritor)		7304000646
Cartridge assy filter (Manifold vlv)		9926110629

TMS800E07		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE

TMS800E07**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS800E07**Grove**Cummins
ISM07-450 (Tier III)(12V)Cummins
QSMT3 (Tier III)(12V)**Service Kits**

250 Hr Engine	9999102255	9999102958
500 Hr Engine & Cab	9999102256	9999102960
1000 Hr Full w/o A/C	9999102257	9999102980
1000 Hr Full w/ Carr A/C	9999102258	9999102981
1000 Hr Full w/ S/S A/C	9999102259	9999102982
1000 Hr Full w/ Carr & S/S A/C	9999102260	9999102983
2000 Hr Full w/o A/C	9999102973	9999102984
2000 Hr Full w/ Carr A/C	9999102976	9999102985
2000 Hr Full w/ S/S A/C	9999102977	9999102986
2000 Hr Full / Carr & S/S A/C	9999102978	9999102987

Kit Components

Engine Oil Filter	9414101645	9414101645
Fuel Filter Element (in-line)	9414101307	9414101307
Engine Coolant Filter	9414101674	A129710
Transmission Filter	7437000794	7437000794
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (S/S)	7437000840	7437000840
Cab Filter (S/S)	90018864	90018864
Cab Filter (Carrier)	9576101253	9576101253
Cab Filter (Carrier)	90021832	90021832
Belt, Poly Cog (A/C Compressor)(Carrier)	9576101386	9576101386
Belt (A/C Compressor) (S/S)	9515102870	9515102870
Belt, Drive (alternator)	9414101740	9414101740
Element (Air cleaner)	9304100037	9304100037
Element (Air cleaner)	9304100176	9304100176
Element (Hyd. Return Filter)	9437100569	9437100569
Breather (Hyd Reservoir)	7437000159	7437000159
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Cartridge assy filter (Manifold vlv)	9926110629	9926110629
Kit, Cartridge Filter (air dryer)	9515101338	9515101338

TMS800E13**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)

TMS800E13**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829101560	549337	90016497	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829104412	*	9999300313	ENGINE OIL SAE 5W-40 SYNTHETIC (API CJ-4) MOBIL DELVAC 1 ESP
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS800E13**Grove**

Cummins ISX11.9-2013 (Tier IV)(24V)

Cummins QSMT3-2010 (Tier III)(24V)

P/N 80040419

P/N 80037219

Service Kits

250 Hr Engine	9999103736	9999103765
500 Hr Engine & Cab	9999103737	9999103766
1000 Hr Full w/o A/C	9999103791	9999103799
1000 Hr Full w/ Carr A/C	9999103792	9999103801
1000 Hr Full w/ S/S A/C	9999103793	9999103800
1000 Hr Full w/ Carr & S/S A/C	9999103794	9999103802
2000 Hr Full w/o A/C	9999103795	9999103803
2000 Hr Full w/ Carr A/C	9999103796	9999103804
2000 Hr Full w/ S/S A/C	9999103797	9999103805
2000 Hr Full / Carr & S/S A/C	9999103798	9999103806

TMS800E13		Cummins ISX11.9-2013 (Tier IV)(24V)	Cummins QSMT3-2010 (Tier III)(24V)
		P/N 80040419	P/N 80037219
Kit Components			
Engine Oil Filter		A047950	90022561
Fuel Filter Element		90023820	
Fuel Filter Element		90023892	90023892
Engine Coolant Filter		A047940	A129710
Transmission Filter		7437000795	7437000795
Kit, Element/O-ring (transmission)		9904106499	9904106499
Cab Filter (S/S)		90018864	90018864
Cab Filter (Carrier)		90021832	90021832
Belt, Poly Cog (A/C Compressor)(Carrier)		90019688	
Belt (A/C Compressor) (S/S)		9515102870	9515102870
Belt, Drive (alternator)		80038605	80028807
Element (Safety)(Air cleaner)			9304100037
Element (Primary)(Air cleaner)			9304100176
Element (Safety)(Air cleaner)(P/N 7304100012)		90001160	
Element (Primary)(Air cleaner)(P/N 7304100012)		90001159	
Element (Hyd. Return Filter)		9437100569	9437100569
Breather (Hyd Reservoir)		7437000159	7437000159
Filter (axle)		9049108765	9049108765
Breather (axle)(Meritor)		7304000646	7304000646
Hyd Valve Inlet Filter		9926112004	9926112004
Cartridge assy filter (Manifold vlv)		9926110629	9926110629
Kit, Cartridge Filter (air dryer)		90000731	90000731

TMS900E TMS900E07		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829013433	*	9999300311	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)

TMS900E TMS900E07		Grove
Cummins ISM02-450 (24V) or ISM07-450 (24V)		
Service Kits		
250 Hr Engine		9999101934
500 Hr Engine & Cab (RedDot Heater)		9999101935
500 Hr Engine & Cab (Acme Heater)		9999101936
1000 Hr Full w/o A/C (RedDot Heater)		9999101937
1000 Hr Full w/o A/C (Acme Heater)		9999101938
1000 Hr Full w/Carr A/C or w/Carr & S/S A/C (RedDot Heater)		9999101939
1000 Hr Full w/Carr A/C or w/Carr & S/S A/C (Acme Heater)		9999101940
2000 Hr Full w/o A/C (RedDot Heater)		9999101941
2000 Hr Full w/o A/C (Acme Heater)		9999101942
2000 Hr Full w/Carr A/C or w/Carr & S/S A/C (RedDot Heater)		9999101943
2000 Hr Full w/Carr A/C or w/Carr & S/S A/C (Acme Heater)		9999101944
Kit Components		
Engine Oil Filter		9414101645
Fuel Filter Element (in-line)		9414101307
Engine Coolant Filter		9414101674
Transmission Filter		7437000794
Kit, Element/O-ring (transmission)		9904106499
Cab Filter (S/S)		7437000840
Cab Filter (carrier)		9576101253
Filter, Cab Roof top (Carrier)		9576100820
Belt (A/C Compressor)(Acme)		9576101247
Belt (A/C Compressor)(RedDot)		9414101715
Belt, Drive (alternator)		9414101557
Element (Air cleaner)		9304100037
Element (Air cleaner)		9304100176
Element (Hyd. Return Filter)		9437100825
Filter (axle)		9049108765
Breather (axle)(Meritor)		7304000646
Filter Element (Hyd. Pressure Filter)		03046526

TMS9000E TMS9100E		Grove
Fluids and Lubricants		
SPEC NO	SPEC NO 2	PART NO
6829101130	*	9999300204
6829101130	*	9999300201
6829101130	*	9999300203
6829101130	*	9999300202
6829003689	*	01573046
6829003483	*	9999300007
6829003483	*	9999300211
6829003483	*	9999300008
6829003483	*	9999300010
6829003483	*	9999300234
6829003483	*	9999300009
6829104182	*	9999300256
6829104182	*	9999300254
6829104182	*	9999300257
6829104182	*	9999300255
6829012964	*	9999300301
6829012964	*	9999300047
6829003477	*	9999300021
6829003477	*	9999300020
6829003477	6829014326	9999300217
6829103617	*	03325216
*	*	01930670
6829104467	*	9999300309
6829104467	*	9999300308
6829104467	*	9999300310
6829006444	*	9999300001
6829006444	*	9999300003

TMS9000E TMS9100E**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829013433	*	9999300311	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

TMS9000E TMS9100E**Grove****Service Kits**

250 Hr Engine	9999102255	9999102255
500 Hr Engine & Cab	9999102988	9999102995
1000 Hr Full w/o A/C	9999102989	9999102996
1000 Hr Full w/Carr A/C or w/Carr & S/S A/C	9999102959	9999102997
2000 Hr Full w/o A/C	9999102974	9999102998
2000 Hr Full w/Carr A/C or w/Carr & S/S A/C	9999102994	9999102999

Kit Components

Engine Oil Filter	9414101645	9414101645
Fuel Filter Element (in-line)	9414101307	9414101307
Engine Coolant Filter	9414101674	9414101017
Transmission Filter	7437000794	7437000794
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (Carrier)	9576101253	9576101253
Belt, Poly Cog (A/C Compressor) (Carrier)	9576101386	9576101386
Belt, Drive (alternator)	9414101740	9414101740
Element (Air cleaner)	9304100037	9304100037
Element (Air cleaner)	9304100176	9304100176
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd Reservoir)	9258100007	9258100007
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Breather (axle)	90011687	90011687
Filter Element, (Hyd. Pressure Filter)	03326047	03326047
Kit, Cartridge Filter (air dryer)	90000731	90000731

TMS9000E10**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)

TMS9000E10**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829101560	549337	90016497	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829104412	*	9999300313	ENGINE OIL SAE 5W-40 SYNTHETIC (API CJ-4) MOBIL DELVAC 1 ESP
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

TMS9000E10**Grove**

Cummins ISX11.9-2010 (Tier IV)(24V)

Cummins QSMT3-2010 (Tier III)(24V)

P/N 80019330

P/N 80032354, 80045766

Service Kits

250 Hr Engine	9999103807	9999103765
500 Hr Engine & Cab	9999103808	9999103813
1000 Hr Full w/o A/C		9999103814
1000 Hr Full w/ Carr A/C or w/o A/C	9999103809	
1000 Hr Full w/ Carr or w/o Carr & S/S A/C		9999103814
1000 Hr Full w/S/S A/C or Carr & S/S A/C	9999103810	
2000 Hr Full w/o A/C		9999103815

Grove
TMS9000E10

	Cummins ISX11.9-2010 (Tier IV)(24V)	Cummins QSMT3-2010 (Tier III)(24V)
	P/N 80019330	P/N 80032354, 80045766
2000 Hr Full w/Carr A/C or w/o A/C	9999103811	
2000 Hr Full w/Carr or w/Carr & S/S A/C		9999103815
2000 Hr Full w/S/S A/C or Carr & S/S A/C	9999103812	

Kit Components

Engine Oil Filter	90022561	90022561
Fuel Filter Element	90023820	
Fuel Filter Element	90023892	90023892
Engine Coolant Filter	A047940	A129710
Filter, Crankcase Breather	90024710	
Transmission Filter	7437000794	7437000794
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (Carrier)	90021832	90021832
Belt (A/C Compressor) (S/S)	90022732	
Belt, Drive (alternator)	80038605	80028807
Element (Safety)(Air cleaner)	9304100037	9304100037
Element (Primary)(Air cleaner)	9304100176	9304100176
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd Reservoir)	9258100007	9258100007
Filter Element (Hy Press)	03142356	03142356
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Breather (axle)	90011687	90011687
Ventilation Filter (swingbox)	02312187	02312187
Kit, Cartridge Filter (air dryer)	90000731	90000731

TMS9000E13
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)

TMS9000E13**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
Cold weather Package (-20°F / -29°C)			
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
80019225	*	9999300336	DIESEL EXHAUST FLUID (CUMMINS DEF 32)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829101560	549337	90016497	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829104412	*	9999300313	ENGINE OIL SAE 5W-40 SYNTHETIC (API CJ-4) MOBIL DELVAC 1 ESP
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829014058	*	9999300232	GEAR OIL 75W-90 (SHELL SPIRAX EW)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829013433	*	9999300250	SYNTHETIC GEAR LUBE (DELVAC SYNTHETIC TRANS 50)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

TMS9000E13**Grove**

Cummins ISX11.9-2013 (Tier IV)(24V)

Cummins QSMT3-2013 (Tier III)(24V)

P/N 80040419

P/N 80049976

Service Kits

250 Hr Engine	9999103807	9999103765
500 Hr Engine & Cab	9999103808	9999103813
Use Below Kits w/ Air Cleaner P/N 7304000639		
1000 Hr Full w/o A/C		9999103814
1000 Hr Full w/Carr A/C or w/o A/C	9999103809	
1000 Hr Full w/Carr or w/Carr & S/S A/C		9999103814
1000 Hr Full w/S/S A/C or Carr & S/S A/C	9999103810	
2000 Hr Full w/o A/C		9999103815
2000 Hr Full w/Carr A/C or w/o A/C	9999103811	
2000 Hr Full w/Carr or w/Carr & S/S A/C		9999103815
2000 Hr Full w/S/S A/C or Carr & S/S A/C	9999103812	
Use Below Kits w/ Air Cleaner P/N 7304100012		
1000 Hr Full w/o A/C	9999103816	
1000 Hr Full w/Carr or w/Carr & S/S A/C	9999103817	
2000 Hr Full w/o A/C	9999103818	
2000 Hr Full w/Carr or w/Carr & S/S A/C	9999103819	

Kit Components

Engine Oil Filter	90022561	90022561
Fuel Filter Element	90023820	
Fuel Filter Element	90023892	90023892
Engine Coolant Filter	A047940	A129710
Filter, Crankcase Breather	90024710	

TMS9000E13	Cummins ISX11.9-2013 (Tier IV)(24V)	Cummins QSMT3-2013 (Tier III)(24V)
	P/N 80040419	P/N 80049976
Transmission Filter	7437000794	7437000794
Kit, Element/O-ring (transmission)	9904106499	9904106499
Cab Filter (Carrier)	90021832	90021832
Belt (A/C Compressor) (S/S)	90022732	
Belt, Drive (alternator)	80038605	80028807
Element (Safety)(Air cleaner)	9304100037	9304100037
Element (Primary)(Air cleaner)	9304100176	9304100176
Element (Safety)(Air cleaner)(P/N 7304100012)	90001160	
Element (Primary)(Air cleaner)(P/N 7304100012)	90001159	
Element (Hyd. Return Filter)	9437100825	9437100825
Breather (Hyd Reservoir)	9258100007	9258100007
Filter Element (Hyd Press)	03142356	03142356
Filter (axle)	9049108765	9049108765
Breather (axle)(Meritor)	7304000646	7304000646
Breather (axle)	90011687	90011687
Ventilation Filter (swingbox)	02312187	02312187
Kit, Cartridge Filter (air dryer)	90000731	90000731

TM500E-2				Grove
Fluids and Lubricants				
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)	
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)	
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID	
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID	
Cold weather Package (-20°F / -29°C)				
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)	
6829104412	*	9999300313	ENGINE OIL SAE 5W-40 SYNTHETIC (API CJ-4) MOBIL DELVAC 1 ESP	
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)	
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)	

TM500E-2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

TM500E-2**Grove**

Cummins QSB 3.3 (Tier III)

Service Kits (Crane Only)

250 Hr Engine		9999103000
500 Hr Engine & Cab		9999103001
1000 Hr Full w/o A/C (S/S)		9999103002
1000 Hr Full w/ A/C (S/S)		9999103003
2000 Hr Full w/o A/C (S/S)		9999103004
2000 Hr Full w/ A/C (S/S)		9999103005
<i>Use Below Kits w/ Air Cleaner P/N 80012863</i>		
1000 Hr Full w/o A/C (S/S)		9999103128
1000 Hr Full w/ A/C (S/S)		9999103129
2000 Hr Full w/o A/C (S/S)		9999103130
2000 Hr Full w/ A/C (S/S)		9999103131
<i>Use Below Kits w/ Cold Weather Package</i>		
500 Hr Engine & Cab		9999103006
1000 Hr Full w/o A/C (S/S)		9999103007
1000 Hr Full w/ A/C (S/S)		9999103008
2000 Hr Full w/o A/C (S/S)		9999103009
2000 Hr Full w/ A/C (S/S)		9999103010

Kit Components

Engine Oil Filter		9414101541
Fuel Filter (Primary)		90001213
Fuel Filter (Secondary)		90001212
Fuel Filter (Secondary)(cold weather)		90013227
Cab Filter (S/S)		7437000840
Belt, Drive (A/C Compressor)(S/S)		9414101763
Belt, Drive (alternator)		80021658
Element, Primary (Air cleaner P/N 7304100010)		9304100244
Element, Safety (Air cleaner P/N 7304100010)		9304100240
Element (Hyd. Return Filter)		9437100825
Breather (Hyd Reservoir)		9258100173
Hyd Valve Inlet Filter		9926112004
Element, Primary (Air cleaner P/N 80012863)		90013300
Element, Safety (Air cleaner P/N 80012863)		90013301
Cartridge assy filter (Manifold vlv)		9926110629

TMC540E**Grove****Fluids and Lubricants (Crane Only)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)

TMC540E**Grove****Fluids and Lubricants (Crane Only)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

Cold weather Package (-20°F / -29°C)

6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829103636	*	9999300218	EXTREME PRESSURE GEAR LUBE (SHC 629, EP-4 SYNTHETIC)
6829104275	*	9999300306	GREASE - ALL WEATHER (MOBILITH SHC 220)(MOBIL)
6829101559	*	9999300305	HYD OIL - ALL WEATHER (CHEVRON SYNTHETIC THF)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

TMC540E**Grove**

Cummins QSB 3.3 (Tier III)

Service Kits (Crane Only)

250 Hr Engine	9999103000
500 Hr Engine & Cab	9999103001
1000 Hr Full w/o A/C (S/S)	9999103011
1000 Hr Full w/ A/C (S/S)	9999103012
2000 Hr Full w/o A/C (S/S)	9999103013
2000 Hr Full w/ A/C (S/S)	9999103014

Use Below Kits w/ Cold Weather Package

500 Hr Engine & Cab	9999103006
1000 Hr Full w/o A/C (S/S)	9999103015
1000 Hr Full w/ A/C (S/S)	9999103016
2000 Hr Full w/o A/C (S/S)	9999103017
2000 Hr Full w/ A/C (S/S)	9999103018

Kit Components

Engine Oil Filter	9414101541
Fuel Filter (Primary)	90001213
Fuel Filter (Secondary)	90001212
Fuel Filter (Secondary)(cold weather)	9414101756
Cab Filter (S/S)	7437000840
Cab Filter (S/S)	90018864
Belt, Drive (A/C Compressor)(S/S)	9414101763
Belt, Drive (alternator)	80021658
Element, Primary (Air cleaner)	90013300
Element, Safety (Air cleaner)	90013301
Element (Hyd. Return Filter)	9437100825
Breather (Hyd Reservoir)	9258100173
Hyd Valve Inlet Filter	9926112004
Cartridge assy filter (Manifold vlv)	9926110629

YB4208 YB4408 YB4410**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013562	*	9999300197	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013562	*	9999300198	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013562	*	9999300199	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003484	*	9999300018	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300019	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300023	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829007887	*	9999300041	GEAR LUBE SAE 140
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

YB4208**Grove****YB4408****YB4410**Continental
TM2.7 w/Duel Fuel

Continental TM2.7 w/LPG

Cummins 4B3.9

Service Kits

250 Hr Engine	9999101816	9999101820	9999101812	
500 Hr Engine	9999101817	9999101821	9999101813	
1000 Hr Full	9999101818		9999101814	
1000 Hr Full w/LP Gas w/Dual Fuel		9999101822		
2000 Hr Full	9999101819	9999101823	9999101815	

Kit Components

Engine Oil Filter	9414100829	9414100922	9414100788	
Fuel Filter Element	9414101502		9414100789	
Fuel Water Separator Filter			7437000747	
LP gas filter		9356100155		
V-Belt (alternator)		9414101504		
Belt, Drive (alternator)	9414101503		9414101560	
Element (Air cleaner)	9304100077	9304100077	9304100077	
Element (Hyd. Return Filter)	9437100442	9437100442	9437100442	
Breather (axle)	9049109931	9049109931	9049109931	

CD3330F/FL IND8.5 YB4409/XL**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)

CD3330F/FL IND8.5 YB4409/XL
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)

**CD3330F/FL
IND8.5
YB4409/**
Grove
Service Kits

GM 3.0 L	GM 3.0 L	Cummins B3.3-85 L (Tier II)	Cummins B3.3-99 L (Tier III)
P/N 1102601, 1103656, 9999501029, 9999506611	P/N 1105317	P/N 1103514, 9999501095	P/N 1105311

Use Below Kits w/ S/N 320360 & Older

250 Hr Engine		9999102219	
250 Hr Engine w/ Dual Fuel	9999102213		
500 Hr Engine		9999102220	
500 Hr Engine w/ Dual Fuel	9999102214		
1000 or 2000 Hr Full		9999102221	
1000 or 2000 Hr Full w/ Dual Fuel	9999102215		

Use Below Kits w/ S/N 320361 & Newer or 191312-04 & Later

250 Hr Engine		9999102219	9999103055
250 Hr Engine w/ Dual Fuel	9999102213	9999102213	
500 Hr Engine		9999102220	9999103056
500 Hr Engine w/ Dual Fuel	9999102214	9999103049	
1000 or 2000 Hr Full		9999103053	
1000 or 2000 Hr Full w/ Dual Fuel w/o A/C	9999102218	9999103050	9999103057
1000 or 2000 Hr Full w/ Dual Fuel w/ A/C		9999103051	9999103058

Use Below Kits w/S/N/s PRIOR TO S/N 190104-04

250 Hr Engine		9999102219	
500 Hr Engine		9999102220	
1000 or 2000 Hr Full w/o A/C		9999102221	
1000 or 2000 Hr Full w/ A/C		9999103052	

Use Below Kits w/ S/N/s PRIOR TO S/N 190104-04 & LATER

250 Hr Engine		9999102219	9999103055
500 Hr Engine		9999102220	9999103056
1000 or 2000 Hr Full w/o A/C		9999103053	9999103057
1000 or 2000 Hr Full w/ A/C		9999103054	9999103058

Kit Components

Engine Oil Filter	1901796	1901796	1903949	9414101541
Fuel Filter Element	1902268	90014048	90018467	90001213
Fuel Water Separator Filter				90013317
Fuel Filter Element (Fuel Tank)		80012296		
LP Gas Filter	1008443	1008443		
PCV Valve (use w/ S/N 320361 & Newer)	1904724	90014044		
Transmission Filter	1003203	1003203	1003203	1003203
Belt, Fan (use w/ S/N 320360 & Older)	1904647			
Belt, Fan (use w/ S/N 320361 & Newer)	1904726	1904726		
Belt, Fan (use w/ S/N 320361 & Newer or S/N 190104-04 & Later)			1904800	1902065
Belt, Drive (alternator)		90014045	1902065	9999504467
Element (Air cleaner)(Primary)	9304100056	9304100056	1902056SL	90013300
Element (Air cleaner)(Secondary)			9304100167	90013301
Element (Air cleaner) (use w/ S/N 320361 & Newer or S/N 190104-04 & Later)			9304100168	
Filter, Tank (Hyd tank suction)	1002348	1002348	1002348	1002348
Element (Hyd. Return Filter)	1003152	1003152	1003152	1003152
Belt, Drive (A/C Compressor)		1904943		90014435
Belt, Drive (A/C Comp) (use w/ S/N's prior to S/N 190104-04 or S/N 190104-04 & later)			1905450	

**CD3330F/FL-4 IND8.5TON-4
YB4409/XL-4**

Grove

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)

**CD3330F/FL-4 IND8.5TON-4
YB4409/XL-4**

Grove

Cummins QSB3.3 L (Tier IV)

P/N 80026828

Service Kits

250 Hr Engine	9999103825
500 Hr Engine & Cab	9999103820
1000 Hr Full w/o A/C	9999103821
1000 Hr Full w/ A/C	9999103822
2000 Hr Full w/o A/C	9999103823
2000 Hr Full w/ A/C	9999103824

Kit Components

Engine Oil Filter	90024441
Fuel Filter (Primary)	90001213
Fuel Filter (Fuel/water separator)	90013317
Transmission Filter	1003203
Element (Air cleaner)(Primary)	90024437
Element (Air cleaner)(Secondary)	90023611
Filter Element (Crankcase breather)	90024439
Filter Element (Small)(Crankcase breather)	90024795
O-ring (Replace w/ 90024795)	90024796
Belt (A/C Compressor)	90020854
Element (Hyd. Return Filter)	1003152
Breather (Hyd Reservoir)	9258100173
Breather (axle)	1900821
Breather (axle)	1900827

CD3339 IND9.0 YB4409-2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

**CD3339
IND9.0
YB4409-2****Grove**

GM 3.0 L	Cummins B3.3-85 L (Tier II)	Cummins B3.3-99 L (Tier III)	
P/N 1105317	P/N 1103514, 9999501095	P/N 1105311	

Service Kits

250 Hr Engine		9999102219	9999103055	
250 Hr Engine w/ Dual Fuel	9999102213			
500 Hr Engine		9999102220	9999103056	
500 Hr Engine w/ Dual Fuel	9999103049			
1000 or 2000 Hr Full w/o A/C		9999103059	9999103057	
1000 or 2000 Hr Full w/ Dual Fuel w/o A/C	9999103050			
1000 or 2000 Hr Full w/ A/C		9999103060	9999103058	
1000 or 2000 Hr Full w/ Dual Fuel w/ A/C	9999103051			
250 Hr Engine		9999102219	9999103055	

Kit Components

Engine Oil Filter	1901796	1903949	9414101541	
Fuel Filter Element	90014048	90018467	90001213	
Fuel Water Separator Filter			90013317	
Fuel Filter Element (Fuel Tank)	80012296			
LP Gas Filter	1008443			
PCV Valve	90014044			
Transmission Filter	1003203	1003203	1003203	
Belt, Fan	1904726	1904800	1902065	
Belt, Drive (alternator)	90014045			
Element (Air cleaner)(Primary)	9304100056	1902056SL	90013300	
Element (Air cleaner)(Secondary)		9304100167	90013301	
Filter, Tank (Hyd tank suction)	1002348	1002348	1002348	
Element (Hyd. Return Filter)	1003152	1003152	1003152	
Belt, Drive (A/C Compressor)	1904943	1905450	90014435	

CD3339-4 IND9.0-4 YB4409-2-4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)

CD3339-4I IND9.0-4I YB4409-2-4I**Grove**

Cummins QSB3.3 L (Tier IV)

P/N 80026828

Service Kits

250 Hr Engine	9999103825
500 Hr Engine & Cab	9999103820
1000 Hr Full w/o A/C	9999103821
1000 Hr Full w/ A/C	9999103822
2000 Hr Full w/o A/C	9999103823
2000 Hr Full w/ A/C	9999103824

Kit Components

Engine Oil Filter	90024441
Fuel Filter (Primary)	90001213
Fuel Filter (Fuel/water separator)	90013317
Transmission Filter	1003203
Element (Air cleaner)(Primary)	90024437
Element (Air cleaner)(Secondary)	90023611
Filter Element (Crankcase breather)	90024439
Filter Element (Small)(Crankcase breather)	90024795
O-ring (Replace w/ 90024795)	90024796
Belt (A/C Compressor)	90020854
Element (Hyd. Return Filter)	1003152
Breather (Hyd Reservoir)	9258100173
Breather (axle)	1900821
Breather (axle)	1900827

CD3340 IND10.5 YB4411**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

**CD3340
IND10.5
YB4411****Grove**

GM 3.0 L	GM 3.0 L	Cummins B3.3-C80 L (Tier II)	Cummins B3.3-85 L (Tier II)	Cummins B3.3-99 L (Tier III)
P/N 1102601, 1103656, 9999501029, 9999506611	P/N 1105317	P/N 1101604, 9999503217	P/N 1103514, 9999501095	P/N 1105311

Service Kits

Use Below Kits w/S/N 320373 & Older				
250 Hr Engine			9999102231	
500 Hr Engine			9999102232	
1000 or 2000 Hr Full w/o A/C			9999102233	
Use Below Kits w/ S/N 320374 & Newer or 190104-04 & LATER				
250 Hr Engine			9999102219	
500 Hr Engine			9999102220	
1000 or 2000 Hr Full w/o A/C			9999103059	
1000 or 2000 Hr Full w/ A/C			9999103060	
Use Below Kits w/ S/N 320404 & Older				
250 Hr Engine w/ Dual Fuel	9999102213			
500 Hr Engine w/ Dual Fuel	9999102214			
1000 or 2000 Hr Full w/ Dual Fuel	9999102215			
Use Below Kits w/ S/N 320405 & Newer or 191312-04 & Later				
250 Hr Engine				9999103055
250 Hr Engine w/ Dual Fuel	9999102213	9999102213		
500 Hr Engine				9999103056
500 Hr Engine w/ Dual Fuel	9999102214	9999103049		
1000 Hr Full w/o A/C				9999103057
1000 or 2000 Hr Full w/ Dual Fuel w/o A/C	9999102218	9999103050		
1000 Hr Full w/ A/C				9999103058
1000 or 2000 Hr Full w/ Dual Fuel w/ A/C		9999103051		
2000 Hr Full w/o A/C				9999103061
2000 Hr Full w/ A/C				9999103062

Kit Components

Engine Oil Filter	1901796	1901796	1000082	1903949	9414101541
Fuel Filter Element	1902268	90014048	9414100789	90018467	90001213
Fuel Water Separator Filter			1000081		90013317
Fuel Filter Element (Fuel Tank)		80012296			
LP Gas Filter	1008443	1008443			
PCV Valve (use w/ S/N 320361 & Newer)	1904724	90014044			
Transmission Filter	1003203	1003203	1003203	1003203	1003203

CD3340 IND10.5 YB4411	GM 3.0 L	GM 3.0 L	Cummins B3.3-C80 L (Tier II)	Cummins B3.3-85 L (Tier II)	Cummins B3.3-99 L (Tier III)
	P/N 1102601, 1103656, 9999501029, 9999506611	P/N 1105317	P/N 1101604, 9999503217	P/N 1103514, 9999501095	P/N 1105311
Belt, Fan (use w/ S/N 320404 & Older)	1904647				
Belt, Fan (use w/ S/N 320405 & Newer)	1904726	1904726			
Belt, Fan (use w/ S/N 320361 & Newer or S/N 190104-04 & Later)				1904800	1902065
Belt, Drive (alternator)		90014045	1000083		
Element (Air cleaner)(Primary)	9304100056	9304100056	1000107	1902056SL	90013300
Element (Air cleaner)(Secondary)				9304100167	90013301
Element (Air cleaner) (use w/ S/N 320361 & Newer or S/N 190104-04 & Later)					
Filter, Tank (Hyd tank suction)	1002348	1002348	1002348	1002348	1002348
Element (Hyd. Return Filter)	1003152	1003152	1003152	1003152	1003152
Belt, Drive (A/C Compressor)		1904943		90015450	90014435
Breather, Axle		1900821			1900821

CD3340-4 IND10.5-4 YB4411-4				Grove
Fluids and Lubricants				
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829013460	*	6829013460	A/C R134a REFRIGERANT	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)	
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)	

CD3340-4 IND10.5-4 YB4411-4		Grove
		Cummins QSB3.3 L (Tier IV)
		P/N 80026828
Service Kits		
250 Hr Engine		9999103825
500 Hr Engine & Cab		9999103820
1000 Hr Full w/o A/C		9999103826
1000 Hr Full w/ A/C		9999103827
2000 Hr Full w/o A/C		9999103828
2000 Hr Full w/ A/C		9999103829
Kit Components		
Engine Oil Filter		90024441
Fuel Filter (Primary)		90001213
Fuel Filter (Fuel/water separator)		90013317
Transmission Filter		1003203

CD3340-4 IND10.5-4 YB4411-4**Grove**

Cummins QSB3.3 L (Tier IV)

P/N 80026828

Element (Air cleaner)(Primary)	90024437
Element (Air cleaner)(Secondary)	90023611
Filter Element (Crankcase breather)	90024439
Filter Element (Small)(Crankcase breather)	90024795
O-ring (Replace w/ 90024795)	90024796
Belt (A/C Compressor)	90020854
Element (Hyd. Return Filter)	80020587
Breather (Hyd Reservoir)	9258100173
Breather (axle)	1900821

YB4415**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013562	*	9999300199	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013562	*	9999300197	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829013562	*	9999300198	50/50 MIXED ANTI-FREEZE / COOLANT (GREEN)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003484	*	9999300018	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300019	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300023	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)

YB4415**Grove**

GM 4.3 L

Cummins 4B3.9T

Cummins 4BT5.9-C110

Service Kits

250 Hr Engine	9999101832	9999101828	9999101824
500 Hr Engine	9999101833	9999101829	9999101825
1000 Hr Full	9999101834	9999101830	9999101826
2000 Hr Full	9999101835	9999101831	9999101827

Kit Components

Engine Oil Filter	9414101520	9414100813	9414100813
Fuel Filter Element		9414101535	9414101535
Fuel Filter (Primary)	7304100000		
Fuel Filter (Secondary)	7304100001		
Fuel Water Separator Filter		7437000747	7437000747
Transmission Filter	7437000873	7437000873	7437000873
Belt, Drive (alternator)	9414101521	9414101534	9414101534
Element (Air cleaner)(Primary)	9304100210	9304100210	9304100210
Element (Hyd. Return Filter)	7437000864	7437000864	7437000864
Breather, extension (axle)	9049111778	9049111778	9049111778

CD5540F IND15.0 YB5515**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

**CD5540F
IND15.0
YB5515****Grove**

GM 4.3 L	GM 4.3 L (EPA 2007)	Cummins B3.3-85 L (Tier II)	Cummins B3.3-99 L (Tier III)
P/N 1101915, 1103629, 9999500958, 9999501113	P/N 1105318	P/N 1103514, 1103628, 9999501095, 9999501112	P/N 1105330

Service Kits

250 Hr Engine			9999102219	9999103055
250 Hr Engine w/ Dual Fuel	9999102237	9999102213		
500 Hr Engine			9999102220	9999103056
500 Hr Engine w/ Dual Fuel	9999102238	9999103063		
1000 Hr Full w/o A/C			9999102242	9999103069
1000 Hr Full w/o A/C w/ Dual Fuel		9999103064		
1000 Hr Full w/ A/C				9999103070
1000 Hr Full w/ A/C w/ Dual Fuel		9999103065		
1000 or 2000 Hr Full w/ Dual Fuel w/o A/C	9999102239			
2000 Hr Full w/o A/C			9999103068	9999103071
2000 Hr Full w/o A/C w/ Dual Fuel		9999103066		
2000 Hr Full w/ A/C				9999103072
2000 Hr Full w/ A/C w/ Dual Fuel		9999103067		

Kit Components

Engine Oil Filter	103269	1901796	1903949	9414101541
Engine Oil Filter (Small)(3.00" dia)		90014146		
Fuel Filter Element	1904686	90014150	90018467	90001213
Fuel Filter Element (in-line)		80012296		
Fuel Water Separator Filter				90013317
LP Gas Filter	1008443	1008443		
Transmission Filter	1904359	1003203	1003203	1003203
Belt, Fan	1904677	1904677		
Belt, Drive (alternator)			1902065	1902065
Element (Air cleaner)(Primary)	1002796	1002796	1002796	90013300
Element (Air cleaner)(Secondary)	9304100084	9304100084	9304100084	90013301
Filter, Tank (Hyd tank suction)	605137	605137	605137	605137
Element (Hyd. Return Filter)	1003152	1003152	1003152	1003152
Belt, Drive (A/C Compressor)		90016937		90014435
Breather, Axle		9049111778	9049111778	9049111778

CD5515-2 IND 15 TON-2 YB5515-2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)

CD5515-2 IND 15 TON-2**Grove****YB5515-2**

Cummins QSB3.3 L (Tier IV)	Cummins QSB3.3-99L (Tier III)
P/N 80039336	P/N 1105520

Service Kits

250 Hr Engine	9999103825	9999103055
500 Hr Engine	9999103820	9999103830
1000 Hr Full w/o A/C	9999103835	9999103831
1000 Hr Full w/ A/C	9999103836	9999103832
2000 Hr Full w/o A/C	9999103837	9999103833
2000 Hr Full w/ A/C	9999103838	9999103834

Kit Components

Engine Oil Filter	90024441	9414101541
Fuel Filter Element (Primary)	90001213	90001213
Fuel Filter Element (Fuel/water separator)	90013317	90013317
Filter, Crankcase Breather	90024439	
Filter, Crankcase Breather (small)	90024795	
O-ring (Replace w/ 90024795)	90024796	
Transmission Filter	1008667	1008667
Belt (A/C Compressor)	90020854	90014435
Element (Safety)(Air cleaner)	90023611	90013301
Element (Primary)(Air cleaner)	90024437	90013300
Element (Hyd. Return Filter)	7437100247	7437100247
Breather (axle)	90025679	90025679

CD5560B IND18.0 YB5518**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

**CD5560B
IND18.0
YB5518****Grove****Service Kits (Gas Engine)**

GM 4.3 L	GM 4.3 L (EPA 2004)	GM 4.3 L (EPA 2007)
P/N 1101915, 9999500958	P/N 1103657	P/N 1105319

Kit Components

Engine Oil Filter	103269	103269	1901796
Fuel Filter Element	1900808	1900808	90014150
Fuel Filter (Tank)			80012296
LP Gas Filter	1008443	1008443	1008443
Transmission Filter	1004064	1008667	1008667
Belt, Fan	1901147SL	1904677	1904677
Element (Primary)(Air cleaner)	1002796	1002796	1002796
Element (Secondary)(Air cleaner)	9304100084	9304100084	9304100084
Filter, Tank (Hyd tank suction)	605137	605137	605137
Element (Hyd. Return Filter)	1003152	1003152	1003152
Belt, Drive (A/C Compressor)		90016937	90016937
Breather, Axle		9049111778	9049111778

CD5560B**Grove****IND18.0****YB5518**

Cummins 4B3.9 L	Cummins QSB 4.5-30-T, 110 HP Tier II	Cummins QSB 4.5-30-T, 99 HP Tier II	Cummins QSB 3.3-99 L Tier III
P/N 1100689, 9999503186	P/N 1103156, 9999501075	P/N 1105002	P/N 1105330

Service Kits (Diesel Engine)

250 Hr Engine	9999102231	9999102246	9999102246	9999103055
500 Hr Engine	9999102232	9999102247	9999103091	9999103094
1000 Hr Full w/o A/C		9999103089	9999103092	9999103095
1000 Hr Full w/ A/C				9999103096
1000 or 2000 Hr Full w/o A/C	9999102251			
2000 Hr Full w/o A/C		9999103090	9999103093	9999103097
2000 Hr Full w/ A/C				9999103098

Kit Components

Engine Oil Filter	1000082	1904296	1904296	9414101541
Fuel Filter	9414100789	9414101716	9414101711	90001213
Fuel Filter (Fuel/water separator)	1000081			90013317
Transmission Filter	1004064	1008667	1008667	1008667
Belt, Drive (alternator)	1000083	1904294	1904294	1904800
Element (Primary)(Air cleaner)	1000107	1002796	90013300	90013300
Element (Secondary)(Air cleaner)		9304100084	90013301	90013301
Filter, Tank (Hyd tank suction)	605137	605137	605137	605137
Element (Hyd. Return Filter)	1003152	1003152	1003152	1003152
Belt, Drive (A/C Compressor)				90014435
Breather, Axle		9049111778	9049111778	9049111778

CD5520 IND 20 TON YB5520**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)

CD5520 IND 20 TON YB5520		Cummins QSB3.3 L (Tier IV)	Cummins QSB3.3-99L (Tier III)
P/N 80039336		P/N 1105520	
Service Kits			
250 Hr Engine		9999103825	9999103055
500 Hr Engine		9999103820	9999103830
1000 Hr Full w/o A/C		9999103835	9999103831
1000 Hr Full w/ A/C		9999103836	9999103832
2000 Hr Full w/o A/C		9999103837	9999103833
2000 Hr Full w/ A/C		9999103838	9999103834
Kit Components			
Engine Oil Filter		90024441	9414101541
Fuel Filter Element (Primary)		90001213	90001213
Fuel Filter Element (Fuel/water separator)		90013317	90013317
Filter, Crankcase Breather		90024439	
Filter, Crankcase Breather (small)		90024795	
O-ring (Replace w/ 90024795)		90024796	
Transmission Filter		1008667	1008667
Belt (A/C Compressor)		90020854	90014435
Element (Safety)(Air cleaner)		90023611	90013301
Element (Primary)(Air cleaner)		90024437	90013300
Element (Hyd. Return Filter)		7437100247	7437100247
Breather (axle)		90025679	90025679

YB7720 YB7720XL			Grove
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

YB7720		Grove
YB7720XL		Cummins QSB 5.9
Service Kits		
250 Hr Engine		9999102252
500 Hr Engine		9999102253
1000 or 2000 Hr Full		9999102254
Kit Components		
Engine Oil Filter		9999504893
Fuel Filter (Primary)		9999504891
Fuel Strainer (In-line)		9999504892
Transmission Filter		9999503845
Belt, Fan		9999504894
Element (Primary)(Air cleaner)		9999504883

**YB7720
YB7720XL**
Grove

Cummins QSB 5.9

Element (Safety)(Air cleaner)	9999504884
Filter, Tank (Hyd tank suction)	9999502120
Element (Hyd. Return Filter)	9999502913

CD7755 IND22.0 YB7722/XL
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

**CD7755
IND22.0
YB7722/XL**
Grove

Cummins QSB 4.5-130 Tier III

P/N 1104948

Service Kits

250 Hr Engine	9999102738
500 Hr Engine	9999103102
1000 Hr Full w/o A/C	9999103103
1000 Hr Full w/ A/C	9999103104
2000 Hr Full w/o A/C	9999103105
2000 Hr Full w/ A/C	9999103106

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	9414101755
Fuel Filter (Secondary)(Fuel/water separator)	9414101756
Transmission Filter	7437000873
Belt, V-ribbed (Alternator)	90020462
Element (Primary)(Air cleaner)	1905785
Element (Secondary)(Air cleaner)	1905790
Filter, Tank (Hyd tank suction)	704992
Element (Hyd. Return Filter)	1003152
Belt, Drive (A/C Compressor)	90014494
Breather (Hyd Reservoir)	1004611
Breather (Axle)	9049111778

CD7725 IND25.0 YB7725**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

**CD7725
IND25.0
YB7725****Grove**Cummins QSB 4.5-130 Tier III
P/N 1104948**Service Kits**

250 Hr Engine	9999102738
500 Hr Engine	9999103102

Use Below Kits w/ HYDRAULIC FILTER P/N 1100578

1000 Hr Full w/o A/C	9999103116
1000 Hr Full w/ A/C	9999103117
2000 Hr Full w/o A/C	9999103118
2000 Hr Full w/ A/C	9999103119

Use Below Kits w/ HYDRAULIC FILTER P/N 80020586

1000 Hr Full w/o A/C	9999103120
1000 Hr Full w/ A/C	9999103121
2000 Hr Full w/o A/C	9999103122
2000 Hr Full w/ A/C	9999103123

Kit Components

Engine Oil Filter	9414101679
Fuel Filter (Primary)	90013227
Fuel Filter (Secondary)(Fuel/water separator)	9414101756
Transmission Filter	7437000873
Belt, V-ribbed (Alternator)	90020462
Element, Primary (Air cleaner)	1905785
Element, Secondary (Air cleaner)	1905790
Filter, Tank (Hyd tank suction)	704992
Element (Hyd. Return Filter)(Hyd Reservoir P/N 1100578)	1003152
Element (Hyd. Return Filter)(Hyd Reservoir P/N 80020586)	80020587
Belt, Drive (A/C Compressor)	90014494
Breather (Axle)	90025679

CD7725-4 IND25TON-4 YB7725-4**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300234	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
*	*	9999300316	HYDRAULIC TRANSMISSION FLUID (MOBILTRANS HD10W)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

CD7725-4 IND 25 TON-4**Grove****YB7725-4**

Cummins QSB4.5 L (Tier IV)	Cummins QSB4.5 L (Tier III)
P/N 80039034	P/N 80039521

Service Kits

250 Hr Engine	9999102738	9999103839
500 Hr Engine	9999103845	9999103840
1000 Hr Full w/o A/C	9999103846	9999103841
1000 Hr Full w/ A/C	9999103847	9999103842
2000 Hr Full w/o A/C	9999103848	9999103843
2000 Hr Full w/ A/C	9999103849	9999103844

Kit Components

Engine Oil Filter	9414101679	90024443
Fuel Filter Element (Primary)	90024700	90013227
Fuel Filter Element (Fuel/water separator)	9414101770	9414101756
Filter, Crankcase Breather		90024444
Transmission Filter	7437000873	7437000873
Belt (Alternator)	7074100003	80039682
Belt (A/C Compressor)	80043074	80043074
Element (Safety)(Air cleaner)	90023610	1905785
Element (Primary)(Air cleaner)	90023611	1905790
Element (Hyd. Return Filter)	80020587	80020587
Breather (Hyd Res)	9258100173	9258100173
Breather (axle)	90025679	90025679
Breather (Trans Torq Convert)	9904104050	9904104050

Grove GMK Fluids and Service Kits – Mercedes Engine**GMK 2035****Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
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GMK 2035**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829005570	*	Consult Factory	ENGINE OIL SAE 20W20 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 2035**Grove**

Mercedes OM 366 LA EURO 2

Mercedes OM 906 LA

Service Kits**Use Below Kits w/ GMK 2035 V1 , S/N 2035-8030 to 8158**

250 Hr Engine	9999102035
500 Hr Engine	9999103247
1000 Hr Full w/o A/C	9999103248
2000 Hr Full w/o A/C	9999103251

Use Below Kits w/ Engine Starting before S/N 453970 Only

1000 Hr Full w/ A/C	9999103249
2000 Hr Full w/ A/C	9999103252

Use Below Kits w/ Engine Starting from S/N 453970 Only

1000 Hr Full w/ A/C	9999103250
2000 Hr Full w/ A/C	9999103253

Use Below Kits w/ GMK 2035 V2,V3; S/N 2035-8159 to 9275

250 Hr Engine	9999101999
500 Hr Engine	9999102000
1000 Hr Full w/o A/C	9999102001
1000 Hr Full w/ A/C	9999103254
2000 Hr Full w/o A/C	9999103255
2000 Hr Full w/ A/C	9999103256

Use Below Kits w/ GMK 2035 V4,V5,V6; S/N 2035-9276 & Newer

250 Hr Engine	9999101999
500 Hr Engine	9999102000
1000 Hr Full w/o A/C	9999102001
1000 Hr Full w/ A/C	9999102002
2000 Hr Full w/o A/C	9999103255
2000 Hr Full w/ A/C	9999103257

GMK 2035

Mercedes OM 366 LA EURO 2

Mercedes OM 906 LA

Kit Components

Engine Oil Filter	02315009	03045809
Fuel Filter	02315010	03328573
Fuel Filter		03328574
Fuel Filter		03324667
Fuel Filter (Fuel Tank)		02316997
Fuel Filter (Fuel Tank)		03041008
Belt, Drive (alternator)	02310592	03045787
Belt, Drive (A/C Compressor)(engines before S/N 453970 only)	03046697	03046697
Belt, Drive (A/C Compressor)(engines from S/N 453970 only)	03325695	03325695
Element, Primary (Air cleaner)	01571418	03045984
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)	01685160	01685160
Filter (Transmission)	02314773	03135378
Breather (Transmission)	02214606	
Filter Insert (Transmission)		01931097

GMK 2035E**Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

Grove**GMK 2035E**

Mercedes OM 906 LA

Service Kits**Use Below Kits w/ GMK 2035E V0; S/N 2035-2001 to 2008**

250 Hr Engine	9999101999
500 Hr Engine	9999102874
1000 Hr Full w/o A/C	9999103260
2000 Hr Full w/o A/C	9999103263

Use Below Kits w/ Engine Starting before S/N 453970 Only

1000 Hr Full w/ A/C	9999103261
2000 Hr Full w/ A/C	9999103264

Use Below Kits w/ Engine Starting from S/N 453970 Only

1000 Hr Full w/ A/C	9999103262
2000 Hr Full w/ A/C	9999103265

Use Below Kits w/ GMK 2035E V1; S/N 2035-2009 to 2078

250 Hr Engine	9999101999
500 Hr Engine	9999102874

Use Below Kits w/ Engine S/N 453970 & Later

1000 Hr Full w/o A/C	9999102876
1000 Hr Full w/ A/C	9999102878
1000 Hr Full w/o A/C & Aux Fuel Tank	9999102877
1000 Hr Full w/ A/C & Aux Fuel Tank	9999102879
2000 Hr Full w/o A/C	9999103266
2000 Hr Full w/ A/C	9999103268
2000 Hr Full w/o A/C & Aux Fuel Tank	9999103267
2000 Hr Full w/ A/C & Aux Fuel Tank	9999103269

Use Below Kits w/ GMK 2035E V2; S/N 2035-2079 & Newer

250 Hr Engine	9999101999
500 Hr Engine	9999102874
1000 Hr Full w/o A/C	9999102876
1000 Hr Full w/ A/C	9999102878
1000 Hr Full w/o A/C & Aux Fuel Tank	9999102877
1000 Hr Full w/ A/C & Aux Fuel Tank	9999102879
2000 Hr Full w/o A/C	9999103270
2000 Hr Full w/ A/C	9999103272
2000 Hr Full w/o A/C & Aux Fuel Tank	9999103271
2000 Hr Full w/ A/C & Aux Fuel Tank	9999103273

Kit Components

Engine Oil Filter	03045809
Fuel Filter (Large)	03328573
Fuel Filter (Small)	03328574
Fuel Filter (Fuel Tank)	03041008
Fuel Filter (Aux Fuel Tank)	03041008
Filter (Fuel / Water Separator)	03322877
Belt, Drive (alternator)	03328828
V-Ribbed Belt (alternator) (engines from S/N 453970 only)	03325832
V-Belt, Drive (A/C Compressor)	03046697
V-Belt, Drive (A/C Compressor) (engines from S/N 453970 only)	03125349
Element, Primary (Air cleaner)	03045984
Filter, Filler (Hyd tank)	01203369
Element (Hyd. Return Filter)(R1 & R2)	03321277
Ventilation Filter (Hyd Réervoir)(Carrier)	03142355
Filter Element, (Hyd. Pressure Filter)	03142351
Filter End Cap (Air Dryer)	03043578
Breather (Transmission)	01929723
Breather (Transfer Case)	02315024
Breather (Swingbox)	02312187

GMK 3050**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

GMK 3050**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 3050**Grove**

Mercedes OM 401 LA

Mercedes OM 501 LA

Service Kits**Use Below Kits w/ GMK 3050 V0,V1; S/N 8076 to 8340**

250 Hr Engine	9999103285
500 Hr Engine	9999103286
1000 Hr Full w/o A/C	9999103287
1000 Hr Full w/ A/C	9999103288
2000 Hr Full w/o A/C	9999103289
2000 Hr Full w/ A/C	9999103290

Use Below Kits w/ GMK 3050 V2,V3; S/N 8261 / 8341 to 8887

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103291
1000 Hr Full w/ A/C	9999103292
2000 Hr Full w/o A/C	9999103293
2000 Hr Full w/ A/C	9999103294

Use Below Kits w/ GMK 3050 V4; S/N 8888 to 8903

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103295
1000 Hr Full w/ A/C	9999103296
2000 Hr Full w/o A/C	9999103297
2000 Hr Full w/ A/C	9999103298

Kit Components

Engine Oil Filter	01679804	03328365
Fuel Filter	01681188	03319653
Belt, Drive (alternator)	01207923	03045817
Belt, V-Ribbed (alternator)(Use w/ GMK 3050 V4)		03328967
Belt, Drive (A/C Compressor)	03325833	03325833
Element, Primary (Air cleaner)	01206136	03316682
Element, Safety (Air cleaner)	01927224	
Filter (transmission)	03141323	03141323
Element (Hyd. Return Filter)	01685160	01685160
Filter (Cab)	9515102296	
Breather (Transfer Case)	02315024	02315024
Cartridge (Air Dryer)		01375095

GMK 3050-1**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZX1 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 3050-1**Grove**

Mercedes OM 401 LA

Mercedes OM 501 LA

Service Kits**Use Below Kits w/ GMK 3050-1 V0; S/N 9020 to 9119**

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103300
1000 Hr Full w/ A/C	9999103301
2000 Hr Full w/o A/C	9999103302
2000 Hr Full w/ A/C	9999103303

Use Below Kits w/ GMK 3050-1 V1; S/N 9021 to 9295

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103300
1000 Hr Full w/ A/C	9999103301
2000 Hr Full w/o A/C	9999103304
2000 Hr Full w/ A/C	9999103305

Use Below Kits w/ GMK 3050-1 V2 – V8; S/N 9296 & Newer

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103306
1000 Hr Full w/ A/C	9999103307

Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

Grove**GMK 3055**

Mercedes OM 501 LA / OM 501 LA (E3B/4I)

Service Kits**Use Below Kits w/ GMK 3055 V0, V1; S/N 3055- 9001 to 9295**

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103310
1000 Hr Full w/ A/C	9999103311
2000 Hr Full w/o A/C	9999103314
2000 Hr Full w/ A/C	9999103315

Use Below Kits w/ GMK 3055 V2 – V7; S/N 3055- 9296 & Newer (thru V7)

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999103318
1000 Hr Full w/ A/C	9999103319
2000 Hr Full w/o A/C	9999103320
2000 Hr Full w/ A/C	9999103321

Use Below Kits w/ GMK 3055 V8 – V9; S/N 3055- 9436 & Newer

250 Hr Engine (OM501LA E3B/4I)	9999102856
500 Hr Engine (OM501LA E3B/4I)	9999102857
1000 Hr Full w/o A/C (OM501LA E3B/4I)	9999103318
1000 Hr Full w/ A/C (OM501LA E3B/4I)	9999103319
2000 Hr Full w/o A/C (OM501LA E3B/4I)	9999103316
2000 Hr Full w/ A/C (OM501LA E3B/4I)	9999103317

Kit Components

Engine Oil Filter	03328365
Fuel Filter	03319653
Fuel Filter (Fuel / Water Separator)	03322877
Belt, Drive (alternator)	03045817
Belt, V-ribbed (alternator)(use w/ GMK 3055 V2-V7)	03328967
Belt, Drive (A/C Compressor)	03325833
Element, Primary (Air cleaner)	03324183
Filter, Filler (Hyd tank)	01203369
Filter Element (Hyd Tank)	03142353
Filter (Hyd Pressure)	03142351
Filter (Hyd Pressure)	03142359
Vent Filter (Hyd Tank)	03142355
Filter (Cab A/C)	03326193
Breather (Transmission)	03324719
Breather (Transmission)(use w/ GMK 3055 V8-V9)	04155771
Breather (Axle)	03319200
Breather (Swingbox)	03010255
Filter (Air Dryer)	03043578

GMK 4070-1**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003484	*	9999300018	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300019	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)

GMK 4070-1**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 4070-1**Grove**

Mercedes OM 442 A

Service Kits

Use Below Kits w/ S/N 4070-8150 & Newer	
250 Hr Engine	9999102010
500 Hr Engine	9999102011
1000 Hr Full w/o A/C	9999102012
1000 Hr Full w/ A/C	9999102013
2000 Hr Full w/o A/C	9999103322
2000 Hr Full w/ A/C	9999103323

Kit Components

Engine Oil Filter	01681555
Fuel Filter	01681188
V-Belt, Drive (alternator)	01207923
V-Belt, Drive (A/C Compressor)	02313519
Element, Primary (Air cleaner)	01206136
Element, Safety (Air cleaner)	01927224
Filter, Filler (Hyd tank)	01203369
Element (Hyd. Return Filter)	00551980
Element (Hyd. Return Filter)	03042991
Filter End Cap (Air Dryer)	03043578
Breather (Transfer Case)	02315024
Breather (Swingbox)	02316348

GMK 4074**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003484	*	9999300018	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300019	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)

GMK 4074**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 4074**Grove****Service Kits**

Use Below Kits w/ S/N 4074-8144 TO 8149

Mercedes OM 442 A

250 Hr Engine	9999102010
500 Hr Engine	9999102011
1000 Hr Full w/o A/C	9999102014
1000 Hr Full w/ A/C	9999102015
2000 Hr Full w/o A/C	9999103324
2000 Hr Full w/ A/C	9999103325

Kit Components

Engine Oil Filter	01681555
Fuel Filter	01681188
V-Belt, Drive (alternator)	01207923
V-Belt, Drive (A/C Compressor)	02313519
Element, Primary (Air cleaner)	01206136
Element, Safety (Air cleaner)	01927224
Filter, Filler (Hyd tank)	01203369
Element (Hyd. Return Filter)	00551980
Element (Hyd. Return Filter)	03042991
Filter Element, (Hyd. Pressure Filter)	02217579
Filter Element, (Hyd. Pressure Filter)	02217580
Filter (Transmission)	01368406
Cartridge (Air Dryer)	01375095
Vent Filter (Torque Converter)	01927992
Vent Filter (Torque Converter)	01927930
Breather (Transfer Case)	02315024

GMK 4075**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND

GMK 4075**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 4075**Grove**

Mercedes OM 501 LA

Service Kits

Use Below Kits w/ GMK 4075 V0 – V4; S/N 4075- 9001 to 9242	
250 Hr Engine	9999102856
500 Hr Engine	9999103330
1000 Hr Full w/o A/C	9999103331
1000 Hr Full w/ A/C	9999103332
2000 Hr Full w/o A/C	9999103333
2000 Hr Full w/ A/C	9999103334
Use Below Kits w/ GMK 4075 V5 – V6; S/N 4075- 9043 to 9317	
250 Hr Engine	9999102856
500 Hr Engine	9999103330
1000 Hr Full w/o A/C	9999103335
1000 Hr Full w/ A/C	9999103336
2000 Hr Full w/o A/C	9999103337
2000 Hr Full w/ A/C	9999103338

Kit Components

Engine Oil Filter	03328365
Fuel Filter	03319653
Fuel Filter (Fuel/water separator)	03322877
Fuel Filter (Tank)	03041008
Belt, Drive (alternator)	03045817
Belt, Drive (A/C Compressor)	03046766
Element, Primary (Air cleaner)	03316682
Element (Air cleaner)	03045986
Filter, Filler (Hyd tank)	01203369
Element (Hyd. Return Filter)	03142358
Filter Element (Hyd Tank Vent)	03319602
Filter Element, (Hyd. Pressure Filter)	02315874
Filter Element (Hyd Pressure Filter) (Use w/ GMK4075 V5-V6)	03142356
Filter End Cap (Air Dryer)	03043578
Breather (Transmission)	01929723
Breather (Transmission) (Use w/ GMK4075 V5-V6)	03324719
Breather (Swingbox)	03010255
Breather (Swingbox)	02312187

GMK 4080**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003484	*	9999300018	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300019	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 4080**Grove**Mercedes
OM 442 A (Carrier)Mercedes
OM 336 A (S/S)**Service Kits****Use Below Kits w/ GMK 4080 V0 – V1; S/N 4080- 8228 to 8248**

250 Hr Engine	9999102010	9999102021
500 Hr Engine	9999102011	9999102022
1000 Hr Full w/o A/C	9999103339	9999103343
1000 Hr Full w/ A/C	9999103340	
2000 Hr Full w/o A/C	9999103341	9999103344
2000 Hr Full w/ A/C	9999103342	

Use Below Kits w/ GMK 4080 V2; S/N 4080- 8306 to 8321

250 Hr Engine	9999102010	9999102021
500 Hr Engine	9999102011	9999102022
1000 Hr Full w/o A/C	9999102019	9999102023
1000 Hr Full w/ A/C	9999102020	9999102024
2000 Hr Full w/o A/C	9999103345	9999103347
2000 Hr Full w/ A/C	9999103346	9999103348

Kit Components

Engine Oil Filter	01681555	01681555
Engine Oil Filter (Use w/ GMK 4080 V2)		01925639
Fuel Filter Element	01681188	01679805
V-Belt, Drive (alternator)	01207923	01922607
V-Belt, Drive (A/C Compressor)	02313519	00437803
Element (Air cleaner)(Primary)	01206136	01064085
Element (Air cleaner)(Safety)	01927224	01678357
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)		03042991
Element (Hyd. Return Filter)(Use w/ GMK 4080 V2)	00551980	02257690
Cartridge (Air dryer)	01375095	01375095
Filter End Cap (Air dryer)(Use w/ GMK 4080 V2)	03043578	
Filter (Transmission)(Use w/ GMK 4080 V2)	01368406	
Breather (Transmission)(Use w/ GMK 4080 V2)	02315024	

GMK 4080-1**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 4080-1**Grove**

Mercedes OM 501 LA

Service Kits**Use Below Kits w/ GMK 4080-1 V0; S/N 4080- 2001 to 2015**

250 Hr Engine	9999102856
500 Hr Engine	9999103330
1000 Hr Full w/o A/C	9999103335
1000 Hr Full w/ A/C	9999103336
2000 Hr Full w/o A/C	9999103349
2000 Hr Full w/ A/C	9999103350

Use Below Kits w/ GMK 4080-1 V1 – V3; S/N 4080-2016 & Newer

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C	9999102895
1000 Hr Full w/ A/C	9999102896
2000 Hr Full w/o A/C	9999103351
2000 Hr Full w/ A/C	9999103352

Kit Components

Engine Oil Filter	03328365
Fuel Filter	03319653
Fuel Filter (fuel/water separator)	03322877

Grove

GMK 4080-1

Mercedes OM 501 LA

Fuel Filter (fuel tank)	03041008
Belt, Drive (alternator)	03045817
Belt, Drive (alternator)(Use w/ GMK 4080-1 V1-V3)	03328967
Belt, Drive (A/C Compressor)	03046766
Belt, Drive (A/C Compressor)(Use w/ GMK 4080-1 V1-V3)	03325833
Element, Primary (Air cleaner)	03045986
Element (Air cleaner)	03316682
Filter, Filler (Hyd tank)	01203369
Element (Hyd. Return Filter)	03142358
Filter Element (Hyd Tank Vent)	03319602
Filter Element, (Hyd. Pressure Filter)	03142356
Filter End Cap (air dryer)	03043578
Breather (transmission)	03324719
Breather (transmission)	01929723
Breather (pump drive)	03328172
Breather (axle)	03319200
Breather (swingbox)	03010255

Grove

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003484	*	9999300018	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003484	*	9999300019	AUTOMATIC TRANSMISSION FLUID (SUPERFLO ATF MERCON/DEXRON)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

Grove

GMK 4082

Mercedes
OM 442 A (Carrier)

Mercedes
OM 336 A (S/S)

Service Kits

Use Below Kits w/ GMK 4082 V0: S/N 4080- 8233

250 Hr Engine	9999102010	9999102021
500 Hr Engine	9999102011	9999102022
1000 Hr Full w/o A/C	9999103339	9999103353
1000 Hr Full w/ A/C	9999103340	9999103354
2000 Hr Full w/o A/C	9999103341	9999103355
2000 Hr Full w/ A/C	9999103342	9999103356

GMK 4082		Mercedes OM 442 A (Carrier)	Mercedes OM 336 A (S/S)
Use Below Kits w/ GMK 4082 V1, V2; S/N 4080- 8228 to 8320			
250 Hr Engine		9999102010	9999102021
500 Hr Engine		9999102011	9999102022
1000 Hr Full w/o A/C		9999103357	9999103353
1000 Hr Full w/ A/C		9999103358	9999103354
2000 Hr Full w/o A/C		9999103359	9999103355
2000 Hr Full w/ A/C		9999103360	9999103356
Kit Components			
Engine Oil Filter		01681555	01925639
Fuel Filter Element		01681188	01679805
V-Belt, Drive (alternator)		01207923	01922607
V-Belt, Drive (A/C Compressor)		02313519	00437803
Element (Air cleaner)(Primary)		01206136	01064085
Element (Air cleaner)(Safety)		01927224	01678357
Filter (transmission)(Use w/ GMK 4082 V1-V2)		01368406	
Filter, Filler (Hyd tank)		01203369	01203369
Element (Hyd. Return Filter)		00551980	03042991
Cartridge (air dryer)		01375095	01375095
Breather (transfer case)(Use w/ GMK 4082 V1-V2)		02315024	

GMK 4100 / GMK 4100-L				Grove
Fluids and Lubricants				
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829013460	*	6829013460	A/C R134a REFRIGERANT	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
6829003486	*	03319214	DOT 4+ BRAKE FLUID	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)	
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)	
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE	
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)	
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1	
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	

GMK 4100	Mercedes	Grove
GMK 4100-L	OM 460LA (Carrier)	OM 904 LA (S/S)
Service Kits		
	Use Below Kits w/ GMK 4100/4100-L V0; S/N 4100-5001 to 5059	
250 Hr Engine	9999102853	9999102028
500 Hr Engine	9999102854	9999103365
1000 Hr Full w/o A/C	9999103361	9999103366
1000 Hr Full w/ A/C	9999103362	9999103367
2000 Hr Full w/o A/C	9999103363	9999103368
2000 Hr Full w/ A/C	9999103364	9999103369
	Use Below Kits w/ GMK 4100/4100-L V1; S/N 4100-5060 to 5092	
250 Hr Engine	9999102853	9999102028
500 Hr Engine	9999102854	9999103365
1000 Hr Full w/o A/C	9999103361	9999103370
1000 Hr Full w/ A/C	9999103362	9999103371
2000 Hr Full w/o A/C	9999103363	9999103372
2000 Hr Full w/ A/C	9999103364	9999103373
	Use Below Kits w/ GMK 4100/4100-L V2; S/N 4100-5093 to 5208	
250 Hr Engine	9999102853	9999102028
500 Hr Engine	9999102854	9999103365
1000 Hr Full w/o A/C	9999103374	9999103370
1000 Hr Full w/ A/C	9999103375	9999103371
2000 Hr Full w/o A/C	9999103376	9999103372
2000 Hr Full w/ A/C	9999103377	9999103373
	Use Below Kits w/ GMK 4100/4100-L V3; S/N 4100-5209 to 5212	
250 Hr Engine	9999102853	9999102028
500 Hr Engine	9999102854	9999103365
1000 Hr Full w/o A/C	9999103374	9999103378
1000 Hr Full w/ A/C	9999103375	9999103379
2000 Hr Full w/o A/C	9999103376	9999103380
2000 Hr Full w/ A/C	9999103377	9999103381
	Use Below Kits w/ GMK 4100/4100-L V4; S/N 4100-5213 & Newer	
250 Hr Engine	9999102853	9999102028
500 Hr Engine	9999102854	9999103365
1000 Hr Full w/o A/C	9999103374	9999103378
1000 Hr Full w/ A/C		9999103379
2000 Hr Full w/o A/C	9999103376	9999103380
2000 Hr Full w/ A/C		9999103381
	Use Below Kits w/ GMK 4100/4100-L V5-V6; S/N 4100-5213 & Newer	
250 Hr Engine	9999102853	9999102028
500 Hr Engine	9999102854	9999103365
1000 or 2000 Hr Full w/o A/C	9999103374	9999103382
1000 or 2000 Hr Full w/ A/C		9999103383
2000 Hr Full w/o A/C	9999103376	9999103384
2000 Hr Full w/ A/C		9999103385
Kit Components		
Engine Oil Filter	03325945	03316035
Fuel Filter Element (use w/ P/N 03116260)	03319653	
Fuel Filter Element (Large)		03328574
Fuel Filter Element (small)		03328573
Fuel Filter (fuel/water separator)	03322877	03322877
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-Belt, Drive (alternator)	03328971	03328973
V-Ribbed Belt (alternator)(use w/ GMK4100/4100-L V2-V3)	03327539	
V-Ribbed Belt (alternator)(use w/ GMK4100/4100-L V1-V4)		03135608
V-Ribbed Belt (alternator)(use w/ GMK4100/4100-L V5-V6)		03328612
V-Ribbed Belt (use w/ GMK4100/4100-L V2-V3)	03135790	
V-Belt, Drive (A/C Compressor)	03133810	03325695
Element (Air cleaner)(Primary)	03324183	03316343
Element (Air cleaner)(Safety)		03134822
Element (Air cleaner)(Safety)(use w/ GMK 4100/4100-L V3-V8)		03316344
Element (Hyd. Return Filter)	03329152	03134850
Filter Element (Hyd Tank Vent)	03134931	03134932
Filter Element, (Hyd. Pressure Filter)		03142356
Filter (cab)	03135197	
Filter End Cap (air dryer)	03043578	

GMK 4100 GMK 4100-L		Mercedes OM 460LA (Carrier)	Mercedes OM 904 LA (S/S)
Breather (pump drive)		03328172	
Breather (axle)		03319200	
Breather (swingbox)			02312187

GMK 5095		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003486	*	03319214	DOT 4+ BRAKE FLUID
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5095		Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
Service Kits			
<i>Use Below Kits w/ GMK 5095 V0-V2; S/N 5095-1001 to 1040</i>			
250 Hr Engine		9999102856	9999102028
500 Hr Engine		9999102857	9999103365
1000 Hr Full w/o A/C		9999103394	9999103398
1000 Hr Full w/ A/C		9999103395	9999103399
2000 Hr Full w/o A/C		9999103396	9999103400
2000 Hr Full w/ A/C		9999103397	9999103401
<i>Use Below Kits w/ GMK 5095 V3; S/N 5095-1041 & Newer</i>			
250 Hr Engine		9999102856	9999102028
500 Hr Engine		9999102857	9999103365
1000 Hr Full w/o A/C		9999103394	9999103398
1000 Hr Full w/ A/C			9999103399
2000 Hr Full w/o A/C		9999103402	9999103400
2000 Hr Full w/ A/C			9999103401

Grove

GMK 5095

	Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
Use Below Kits w/ GMK 5095 V4-V5; S/N 5095-1041 & Newer		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103394	9999103403
1000 Hr Full w/ A/C		9999103404
2000 Hr Full w/o A/C	9999103402	9999103405
2000 Hr Full w/ A/C		9999103406
Use Below Kits w/ GMK 5095 V6; S/N 5095-1041 & Newer		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103407	9999103403
1000 Hr Full w/ A/C		9999103404
2000 Hr Full w/o A/C	9999103408	9999103405
2000 Hr Full w/ A/C		9999103406
Use Below Kits w/ GMK 5095 V7-V8; S/N 5095-1041 & Newer		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C		9999103403
1000 Hr Full w/ A/C		9999103404
2000 Hr Full w/o A/C		9999103405
2000 Hr Full w/ A/C		9999103406
Use Below Kits w/ Engine P/N 03481258 Only		
1000 Hr Full w/o A/C	9999103407	
2000 Hr Full w/o A/C	9999103408	
Use Below Kits w/ Engine P/N 03153480, 03140574 Only		
1000 Hr Full w/o A/C	9999103409	
2000 Hr Full w/o A/C	9999103410	
Kit Components		
Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel filter Element (small)		03328574
Fuel Filter (fuel/water separator)	03322877	03322877
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	03041008
V-Ribbed Belt (alternator)	03328609	03135608
V-Ribbed Belt (alternator)(use w/ GMK 5095 V4-V7)		03328612
V-Ribbed Belt (alternator)(use w/ GMK 5095 V6-V7 & engine P/N 03481258)	03325833	
V-Belt	03138381	
V-Belt, Drive (A/C Compressor)	03133810	
Belt, Drive (A/C Compressor)		03325695
Element (air cleaner)(Primary)	03326272	03316343
Element (air cleaner)(Safety)		03134822
Filter, Filler (hyd tank)	01203369	01203369
Element (hyd. Return Filter)	03329152	03134850
Filter, Vent (hyd reservoir)	03142360	03134932
Filter Element, (Hyd. Pressure Filter)		03142356
Filter (cab)	03134974	
Filter (cab)	03135197	
Filter End Cap (air dryer)	03043578	
Vent Filter (transmission)	03328328	
Breather (trans case)	02315024	
Breather (axle)	03319200	
Breather (swingbox)		02312187
Breather (pump drive)(use w/ GMK 5095 V3-V5)	03328172	

GMK 5100

Grove

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

GMK 5100**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003486	*	03319214	DOT 4+ BRAKE FLUID
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5100**Grove**Mercedes
OM 502LA (Carrier)Mercedes
OM 904 LA (S/S)**Service Kits**

Use Below Kits w/ GMK 5100 V0-V1; S/N 5100-9001 to 9309		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103411	9999103415
1000 Hr Full w/ A/C	9999103412	9999103416
2000 Hr Full w/o A/C	9999103413	9999103417
2000 Hr Full w/ A/C	9999103414	9999103418
Use Below Kits w/ GMK 5100 V2; S/N 5100-9310 to 9384		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103419	9999103423
1000 Hr Full w/ A/C	9999103420	9999103424
2000 Hr Full w/o A/C	9999103421	9999103425
2000 Hr Full w/ A/C	9999103422	9999103426
Use Below Kits w/ GMK 5100 V3-V5; S/N 5100-9385 to 9527		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103419	9999103427
1000 Hr Full w/ A/C	9999103420	9999103428
2000 Hr Full w/o A/C	9999103421	9999103429
2000 Hr Full w/ A/C	9999103422	9999103430
Use Below Kits w/ GMK 5100 V6; S/N 5100-9528 & Newer		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103431	9999103435
1000 Hr Full w/ A/C	9999103432	9999103436
2000 Hr Full w/o A/C	9999103433	9999103437
2000 Hr Full w/ A/C	9999103434	9999103438

Grove
GMK 5100
Mercedes
OM 502LA (Carrier)Mercedes
OM 904 LA (S/S)
Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-Belt, Drive (alternator)	03045817	03045787
V-Belt, Drive (alternator)(use w/ GMK5100 V6)	03328609	
V-ribbed Belt (alternator)(use w/ GMK5100 V6)		03325832
V-Belt, Drive (A/C Compressor)	03315309	
V-ribbed Belt (A/C Compressor)(use w/ GMK5100 V6)	03325906	03325695
Belt, Drive (A/C Compressor)		03046697
Element (air cleaner)(primary)	03045986	03316343
Element (air cleaner)(safety)	03316682	03316344
Filter (transmission)(use w/ GMK5100 V2-V5)	03325298	
Filter, Vent (transmission)(use w/ GMK5100 V6)	03328328	
Filter, Filler (hyd tank)	01203369	01203369
Element (hyd. return filter)	02316289	03042991
Element (hyd. return filter)(use w/ GMK5100 V2-V5)	03329152	
Element (hyd. return filter)(use w/ GMK5100 V2)		00551981
Element (hyd. return filter)(use w/ GMK5100 V3-V6)		03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element, (hyd. pressure filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transfer case)	02315024	
Breather (axle)	03319200	
Breather (swingbox)		03010255
Breather (swingbox)		02312187

GMK 5110
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

GMK 5110**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5110**Grove****Service Kits**

Use Below Kits w/ GMK 5110-12; S/N 5110-8003				
250 Hr Engine		9999102010		9999102021
500 Hr Engine		9999102011		9999102022
1000 Hr Full w/o A/C		9999102033		9999102110
1000 Hr Full w/ A/C		9999102034		9999102113
2000 Hr Full w/o A/C		9999103445		9999103447
2000 Hr Full w/ A/C		9999103446		9999103448
Use Below Kits w/ GMK 5110-1 V0; S/N 5110-4001				
250 Hr Engine		9999102856		9999102028
500 Hr Engine		9999102857		9999103365
1000 Hr Full w/o A/C		9999103439		9999103441
1000 Hr Full w/ A/C				9999103442
2000 Hr Full w/o A/C		9999103440		9999103443
2000 Hr Full w/ A/C				9999103444
Use Below Kits w/ GMK 5110-1 V1; S/N 5110-4002 & Newer				
250 Hr Engine		9999102856		9999102028
500 Hr Engine		9999102857		9999103365
1000 Hr Full w/o A/C		9999103449		9999103441
1000 Hr Full w/ A/C				9999103442
2000 Hr Full w/o A/C		9999103450		9999103443
2000 Hr Full w/ A/C				9999103444
Use Below Kits w/ GMK 5110-1 V2, V3; S/N 5110-4002 & Newer				
250 Hr Engine		9999102856		9999102028
500 Hr Engine		9999102857		9999103365
1000 Hr Full w/o A/C		9999103451		9999103441
1000 Hr Full w/ A/C				9999103442
2000 Hr Full w/o A/C		9999103452		9999103443
2000 Hr Full w/ A/C				9999103444
Use Below Kits w/ GMK 5110-1 V4; S/N 5110-4002 & Newer				
250 Hr Engine		9999102856		9999102028
500 Hr Engine		9999102857		9999103365
1000 Hr Full w/o A/C		9999103609		9999103441
1000 Hr Full w/ A/C				9999103442
2000 Hr Full w/o A/C		9999103610		9999103443
2000 Hr Full w/ A/C				9999103444

Kit Components

Engine Oil Filter	01681555	03328365	01925639	03316035
Fuel Filter Element	01681188	03319653	01679805	
Fuel Filter (large)				03328573
Fuel Filter (small)				03328574
Fuel Filter (fuel/water separator)		03322877		03322877
Fuel Filter (fuel tank)		02316997		
Fuel Filter (fuel tank)		03041008		
V-Belt, Drive (alternator)	01207923		01922607	
V-ribbed Belt (alternator)		03328609		03328612
V-ribbed Belt (alternator)(use w/ GMK5110-1 V2-V4)		03325833		
V-Belt		03138381		
V-Belt, Drive (A/C Compressor)	02313519		00437803	
V-ribbed Belt (A/C Compressor)				03325695
Transmission Filter	02212647			
Filter (transmission)	02217088			
Vent Filter (transmission)		03328328		
Element (Air cleaner)(Primary)	02255056	03326272	01064085	03316343
Element (Air cleaner)(Safety)	02255055		01678357	03316344
Filter, Filler (Hyd tank)		01203369	01203369	01203369
Element (Hyd. Return Filter)	02316289	03329152	03042991	03325700
Vent Filter (hyd reservoir)		03142360		03319602
Filter Element (hyd pressure)				03142356

Grove

GMK 5110	Mercedes OM 442 A (Carrier)	Mercedes OM 502 LA (Carrier)	Mercedes OM 336 A (S/S)	Mercedes OM 904 LA (S/S)
Filter (cab)		03135197		
Filter (cab)(use w/ GMK5110-1 V2-V4)		03134974		
Cartridge (air dryer)	01375095	03043578	01375095	
Breather (transmission)	01371253			
Breather (transfer case)	02315024			
Breather (swingbox)			03137124	
Breather (pump drive)		03328172		
Breather (axle)		03319200		

GMK 5130	Grove
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Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

Grove

GMK 5130	Mercedes OM 442 A (Carrier)	Mercedes OM 336 A (S/S)
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Service Kits		
<i>Use Below Kits w/ GMK 5130 V0, V1; S/N 5130-8001 to 8013</i>		

250 Hr Engine	9999102010	9999102021
500 Hr Engine	9999102011	9999102022
1000 Hr Full w/o A/C	9999102125	9999102111
1000 Hr Full w/ A/C	9999102126	9999102114
2000 Hr Full w/o A/C	9999103461	9999103463
2000 Hr Full w/ A/C	9999103462	9999103464

Kit Components		
Engine Oil Filter	01681555	01925639
Fuel Filter Element	01681188	01679805

GMK 5130	Mercedes OM 442 A (Carrier)	Mercedes OM 336 A (S/S)
V-Belt, Drive (alternator)	01207923	01922607
V-Belt, Drive (A/C Compressor)	02313519	00437803
Transmission Filter	02212647	
Filter (transmission)	02217088	
Element (Air cleaner)(Primary)	02255056	01064085
Element (Air cleaner)(Safety)	02255055	01678357
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	02257690
Cartridge (air dryer)	01375095	01375095
Breather (transmission)	01371253	
Breather (trans case)	02315024	
Breather (swingbox)		02312187

GMK 5130-1	Grove		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5130-1	Mercedes OM 502 LA (Carrier)	Mercedes OM 904 LA (S/S)
Service Kits		
<i>Use Below Kits w/ GMK 5130-1 V0; S/N 5130-2001 to 2118</i>		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103465	9999103469
1000 Hr Full w/ A/C	9999103466	9999103470
2000 Hr Full w/o A/C	9999103467	9999103471
2000 Hr Full w/ A/C	9999103468	9999103472

Grove

GMK 5130-1

		Mercedes OM 502 LA (Carrier)	Mercedes OM 904 LA (S/S)
<i>Use Below Kits w/ GMK 5130-1 V1; S/N 5130-2119 & Newer</i>			
250 Hr Engine		9999102856	9999102028
500 Hr Engine		9999102857	9999103365
1000 Hr Full w/o A/C		9999103473	9999103441
1000 Hr Full w/ A/C		9999103474	9999103442
2000 Hr Full w/o A/C		9999103475	9999103443
2000 Hr Full w/ A/C		9999103476	9999103444
<i>Kit Components</i>			
Engine Oil Filter		03328365	03316035
Fuel Filter Element		03319653	
Fuel Filter Element (large)			03328573
Fuel Filter Element (small)			03328574
Fuel Filter (fuel/water separator)		03322877	03322877
Fuel Filter (fuel tank)		02316997	
Fuel Filter (fuel tank)		03041008	
V-ribbed Belt (alternator)		03326706	03045787
V-ribbed Belt (alternator)(use w/ GMK5130-1 V1)		03328609	03328612
V-Belt (use w/ GMK5130-1 V1)		03138381	
V-ribbed Belt (A/C Compressor)		03315309	03325695
V-ribbed Belt (A/C Compressor)(use w/ GMK5130-1 V1)		03325906	
Element (Air cleaner)(Primary)		03316682	03316343
Element (Air cleaner)(Safety)		03045986	03316344
Filter, Filler (Hyd tank)		01203369	01203369
Element (Hyd. Return Filter)		03329152	03325700
Vent Filter (hyd reservoir)		03142360	03319602
Filter Element (hyd Pressure)			03142356
Vent Filter (transmission)		03328328	
Cartridge (air dryer)		03043578	
Breather (trans case)		02315024	
Breather (aux transmission)		02315024	
Breather (axle)		03319200	
Breather (swingbox)			02312187
Breather (swingbox)			03010255

Grove

GMK 5130-2

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1

GMK 5130-2**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5130-2**Grove**Mercedes
OM 502 LA (Carrier)Mercedes
OM 904 LA (S/S)**Service Kits****Use Below Kits w/ GMK 5130-2 V0-V2; S/N 5130-3001 & Newer**

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103449	9999103441
1000 Hr Full w/ A/C		9999103442
2000 Hr Full w/o A/C	9999103440	9999103443
2000 Hr Full w/ A/C		9999103444

Use Below Kits w/ GMK 5130-2 V3-V5; S/N 5130-3001 & Newer

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C		9999103441
1000 Hr Full w/ A/C		9999103442
2000 Hr Full w/o A/C		9999103443
2000 Hr Full w/ A/C		9999103444

Use Below Kits w/ Engine P/N 03481258 Only

1000 Hr Full w/o A/C	9999103407
2000 Hr Full w/o A/C	9999103477

Use Below Kits w/ Engine P/N 03153480, 03140574 Only

1000 Hr Full w/o A/C	9999103439
2000 Hr Full w/o A/C	9999103478

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel/water separator)	03322877	03322877
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-ribbed Belt (alternator)(use w/ GMK5130-2 V3-V5 & engine P/N 03181258)	03325833	
V-ribbed Belt (alternator)	03328609	03328612
V-Belt	03138381	
V-ribbed Belt (A/C Compressor)		03325695
Element (Air cleaner)(Primary)	03326272	03316343
Element (Air cleaner)(Safety)		03316344
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)	03329152	03325700
Vent Filter (hyd reservoir)	03142360	03319602
Filter Element (hyd Pressure)		03142356
Filter (cab)	03135197	
Vent Filter (transmission)	03328328	
Cartridge (air dryer)	03043578	
Cartridge (air dryer)(use w/ GMK5130-2 V3-V5)	04157844	
Breather (pump drive)	03328172	
Breather (axle)	03319200	
Breather (swingbox)		02312187

GMK 5130-L**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5130-L**Grove**Mercedes
OM 442 A (Carrier)Mercedes
OM 336 A (S/S)**Service Kits****Use Below Kits w/ GMK 5130-L V0; S/N 5130-8017 & Newer**

250 Hr Engine	9999102010	9999102021
500 Hr Engine	9999102011	9999102022
1000 Hr Full w/o A/C	9999102125	9999102111
1000 Hr Full w/ A/C	9999102126	9999102114
2000 Hr Full w/o A/C	9999103461	9999103463
2000 Hr Full w/ A/C	9999103462	9999103464

Kit Components

Engine Oil Filter	01681555	01925639
Fuel Filter Element	01681188	01679805
V-Belt, Drive (alternator)	01207923	01922607
V-Belt, Drive (A/C Compressor)	02313519	00437803
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Element (Air cleaner)(Primary)	02255056	01064085
Element (Air cleaner)(Safety)	02255055	01678357
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	02257690
Cartridge (air dryer)	01375095	01375095
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 5131**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5131**Grove**Mercedes
OM 442 A (Carrier)Mercedes
OM 336 A (S/S)**Service Kits****Use Below Kits w/ GMK 5131 V0: S/N 5130-8002 TO 8008**

250 Hr Engine	9999102010	9999102021
500 Hr Engine	9999102011	9999102022
1000 Hr Full w/o A/C	9999102125	9999102111
1000 Hr Full w/ A/C	9999102126	9999102114
2000 Hr Full w/o A/C	9999103461	9999103463
2000 Hr Full w/ A/C	9999103462	9999103464

Kit Components

Engine Oil Filter	01681555	01925639
Fuel Filter Element	01681188	01679805
V-Belt, Drive (alternator)	01207923	01922607
V-Belt, Drive (A/C Compressor)	02313519	00437803
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Element (Air cleaner)(Primary)	02255056	01064085
Element (Air cleaner)(Safety)	02255055	01678357
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	02257690
Cartridge (air dryer)	01375095	01375095
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 5160**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5160**Grove**Mercedes
OM 442 A (Carrier)Mercedes
OM 336 A (S/S)**Service Kits****Use Below Kits w/ GMK 5160 V0; S/N 5160-8120 TO 8140**

250 Hr Engine	9999102010	9999102035
500 Hr Engine	9999102011	9999102036
1000 Hr Full w/o A/C	9999102125	9999102037
1000 Hr Full w/ A/C	9999102126	9999102038
2000 Hr Full w/o A/C	9999103503	9999103505
2000 Hr Full w/ A/C	9999103504	9999103506

Use Below Kits w/ GMK 5160 V1, V2; S/N 5130-8141 & Newer

250 Hr Engine	9999102010	9999102035
500 Hr Engine	9999102011	9999102036
1000 Hr Full w/o A/C	9999102125	9999102037
1000 Hr Full w/ A/C	9999102126	9999102038
2000 Hr Full w/o A/C	9999103461	9999103505
2000 Hr Full w/ A/C	9999103462	9999103506

Kit Components

Engine Oil Filter	01681555	02315009
Fuel Filter Element	01681188	01679805
V-Belt, Drive (alternator)	01207923	01922607
V-Belt, Drive (A/C Compressor)	02313519	00437803
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Element (Air cleaner)(Primary)	02255056	01064085
Element (Air cleaner)(Safety)	02255055	01678357
Filter, Filler (Hyd tank)	01203369	01203369

GMK 5160		Mercedes OM 442 A (Carrier)	Mercedes OM 336 A (S/S)
Element (Hyd. Return Filter)		01685160	03042991
Element (Hyd. Return Filter)(use w/ GMK5160 V1, V2)		02316289	
Filter Element, (Hyd. Pressure Filter)			02255938
Cartridge (air dryer)		01375095	01375095
Vent Filter (pump drive)		02317691	
Breather (transmission)		01371253	
Breather (transfer case)		02315024	

GMK 5170		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5170		Grove	
Service Kits			
<i>Use Below Kits w/ GMK 5170 V0; S/N 5170-2001 & Newer</i>			
250 Hr Engine		9999102856	9999101999
500 Hr Engine		9999103226	9999103231
1000 Hr Full w/o A/C		9999103227	9999103232
1000 Hr Full w/ A/C		9999103225	
2000 Hr Full w/o A/C		9999103229	9999103235
2000 Hr Full w/ A/C		9999103230	

Grove

GMK 5170	Mercedes OM 502 LA (Carrier)	Mercedes OM 502 LA Tier III (Carrier)	Mercedes OM 906 LA (S/S)	OM 924 LA E3A (S/S)
Use Below Kits w/ Engines Starting Before S/N 453970 Only				
1000 Hr Full w/ A/C			9999103233	
2000 Hr Full w/ A/C			9999103236	
Use Below Kits w/ Engines Starting From S/N 453970 Only				
1000 Hr Full w/ A/C			9999103234	
2000 Hr Full w/ A/C			9999103237	
Use Below Kits w/ GMK 5170 V1, V2; S/N 5170-2035 & Newer				
250 Hr Engine	9999102856		9999101999	
500 Hr Engine	9999103226		9999103231	
1000 Hr Full w/o A/C	9999103227		9999103232	
1000 Hr Full w/ A/C	9999103225		9999103234	
2000 Hr Full w/o A/C	9999103229		9999103235	
2000 Hr Full w/ A/C	9999103230		9999103237	
Use Below Kits w/ GMK 5170 V3; S/N 5170-2035 & Newer				
250 Hr Engine	9999102856		9999102028	
500 Hr Engine	9999103226		9999103615	
1000 Hr Full w/o A/C	9999103611		9999103616	
1000 Hr Full w/ A/C	9999103612		9999103617	
2000 Hr Full w/o A/C	9999103613		9999103618	
2000 Hr Full w/ A/C	9999103614		9999103619	
Kit Components				
Engine Oil Filter	03328365	03328365	03045809	03316035
Fuel Filter Element	03319653	03319653		
Fuel Filter (large)			03328573	03328573
Fuel Filter (small)			03328574	03328574
Fuel Filter (fuel/water separator)	03322877	03322877	03322877	03322877
Fuel Filter (fuel tank)			03041008	
V-belt, Drive (alternator)	03328967		03325832	
V-ribbed Belt (alternator)		03328609		03325695
V-belt		03138381		
Belt, Drive (A/C Compressor)	03325833	03325833		
V-ribbed Belt (A/C Compressor)(use w/ engines before S/N 453970)			03046697	
V-ribbed Belt (A/C Compressor)(use w/ engines from S/N 453970)			03325695	03325695
Element (Air cleaner)(Primary)	03328262	03328262	03328263	03328263
Transmission Filter	03141323	03141323		
Filter, Filler (Hyd tank)	01203369	01203369	01203369	01203369
Element (Hyd. Return Filter)	03329152	03329152	03325700	03325700
Vent Filter (hyd reservoir)	03142360	03142360	03319602	03319602
Filter Element, (Hyd. Pressure Filter)			03142351	03142356
Filter Element (hyd press RH steer cont.)	03135866	03135866		
Filter (control unit)			03326793	
Filter (cab)	03326206	03326206		
Filter End Cap (air dryer)	03043578			
Filter End Cap (air dryer)(use w/ GMK5170 v3)		04157844		
Breather (axle)	03319200	03319200		
Breather (pump drive)	03328172	03328172		
Breather (swingbox)			02312187	02312187
Vent filter (hoist)			03134805	03134805

GMK 5180			Grove
Fluids and Lubricants			
SPEC NO SPEC NO 2 PART NO DESCRIPTION			
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)

GMK 5180**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5180**Grove**Mercedes
OM 502LA (Carrier)Mercedes
OM 904 LA (S/S)**Service Kits****Use Below Kits w/ GMK 5180 V0, V1; S/N 5180-8001 to 8140**

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999102039	9999102041
1000 Hr Full w/ A/C	9999102040	9999102042
2000 Hr Full w/o A/C	9999103516	9999103518
2000 Hr Full w/ A/C	9999103517	9999103519

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel/water separator)	03322877	
V-ribbed Belt (alternator)	03045817	03045787
V-ribbed Belt (A/C Compressor)	03325833	03046697
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Element (Air cleaner)(Primary)	03046157	03316343
Element (Air cleaner)(Safety)		03316344
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)	02316289	03325700
Element (Hyd. Reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Cartridge (air dryer)	01375095	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 5200**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

GMK 5200**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)

GMK 5200**Grove**Mercedes
OM 502LA (Carrier)Mercedes
OM 904 LA (S/S)**Service Kits****Use Below Kits w/ GMK 5200 V0, V1; S/N 5200-8141 to 8250**

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999102039	9999102041
1000 Hr Full w/ A/C	9999102040	9999102042
2000 Hr Full w/o A/C	9999103516	9999103518
2000 Hr Full w/ A/C	9999103517	9999103519

Use Below Kits w/ GMK 5200 V2, V3; S/N 5200-8227, 8251 & Newer

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999102044	9999102041
1000 Hr Full w/ A/C	9999102045	9999102042
2000 Hr Full w/o A/C	9999103523	9999103518
2000 Hr Full w/ A/C	9999103524	9999103519

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel/water separator)	03322877	
V-Belt, Drive (alternator)	03045817	
V-ribbed Belt (alternator)		03045787

Grove
GMK 5200

	Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
V-ribbed Belt (A/C Compressor)	03325833	03046697
Element (Air cleaner)(Primary)	03046157	03316343
Element (Air cleaner)(Safety)		03316344
Element (air cleaner)(use w/ GMK5200 V2,V3)	03326272	
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter (transmission)(use w/ GMK5200 V2,V3)	03141323	
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)	02316289	03325700
Element (hyd Reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Cartridge (air dryer)	01375095	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 5220
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)

Grove

GMK 5220	Mercedes OM 502 LA (Carrier)	Mercedes OM 502LA (Tier III)(Carrier)	Mercedes OM 906 LA (S/S)	Mercedes OM 904 LA (S/S)	Mercedes OM 924 LA E3A (S/S)
Service Kits					
Use Below Kits w/ GMK 5220 V0; S/N 5220-2001 to 2013					
250 Hr Engine	9999102856		9999101999		
500 Hr Engine	9999102857		9999103278		
1000 Hr Full w/o A/C	9999102858		9999103541		
1000 Hr Full w/ A/C	9999102864		9999103542		
2000 Hr Full w/o A/C	9999103539		9999103543		
2000 Hr Full w/ A/C	9999103540		9999103544		
Use Below Kits w/ GMK 5220 V1; S/N 5220-2014 & Newer					
250 Hr Engine	9999102856		9999101999		
500 Hr Engine	9999102857		9999103278		
1000 Hr Full w/o A/C	9999102858		9999102861		
1000 Hr Full w/ A/C	9999102864		9999102863		
2000 Hr Full w/o A/C	9999103539		9999103545		
2000 Hr Full w/ A/C	9999103540		9999103546		
Use Below Kits w/ GMK 5220 V2 – V5; S/N 5220-2014 & Newer					
250 Hr Engine	9999102856			9999101999	
500 Hr Engine	9999102857			9999103278	
1000 Hr Full w/o A/C	9999102858			9999102861	
1000 Hr Full w/ A/C	9999102864			9999102863	
2000 Hr Full w/o A/C	9999103539			9999103545	
2000 Hr Full w/ A/C	9999103540			9999103546	
Use Below Kits w/ GMK 5220 V6; S/N 5220-2014 & Newer					
250 Hr Engine	9999102856				9999102028
500 Hr Engine	9999102857				9999103615
1000 Hr Full w/o A/C		9999103611			9999103616
1000 Hr Full w/ A/C		9999103612			9999103617
2000 Hr Full w/o A/C		9999103613			9999103618
2000 Hr Full w/ A/C		9999103614			9999103619
Kit Components					
Engine Oil Filter	03328365	03328365	03045809	03045809	03316035
Fuel Filter Element	03319653	03319653			
Fuel Filter Element (large)			03328573	03328573	03328573
Fuel Filter Element (small)			03328574	03328574	03328574
Fuel Filter (fuel/water separator)	03322877	03322877	03322877	03322877	03322877
V-Belt, Drive	03328967	03138381			
V-ribbed Belt			03045787		
V-ribbed Belt			03325832	03325832	
V-ribbed Belt		03328609			03325695
Belt, Drive (A/C Compressor)	03325833	03325833			
V-Belt, Drive (A/C Compressor)			03325695	03325695	03325695
Element (air cleaner)(Primary)	03328262	03328262	03328263	03328263	03328263
Filter (transmission)	03141323	03141323			
Filter, Filler (hyd tank)	01203369	01203369	01203369	01203369	01203369
Element (hyd return filter)	03329152	03329152	03325700	03325700	03325700
Filter Element (hyd tank vent)	03142360	03142360	03319602	03319602	03319602
Filter Element, (hyd press)			03142356	03142356	03142356
Filter Element (hyd press RH steer cont. unit)		03135866			
Filter (cab)	03326206	03326206			
Filter End Cap (air dryer)	03043578	04157844			
Filter (control unit)			03326793	03326793	
Vent Filter (hoist)			03134805	03134805	03134805
Breather (pump drive)	03328172	03328172			
Breather (axle)	03319200	03319200			
Breather (swingbox)			02312187	02312187	02312187

GMK 6200	Grove		
Fluids and Lubricants			
SPEC NO SPEC NO 2 PART NO DESCRIPTION			
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

GMK 6200**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 6200**Grove**Mercedes
OM 502LA (Carrier)Mercedes
OM 904 LA (S/S)**Service Kits****Use Below Kits w/ GMK 6200 V2, V3; S/N 6200-9001 to 9023**

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103549	9999102041
1000 Hr Full w/ A/C	9999103550	9999102042
2000 Hr Full w/o A/C	9999103551	9999103518
2000 Hr Full w/ A/C	9999103552	9999103519

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-ribbed Belt (alternator)	03045817	03045787
V-ribbed Belt (A/C compressor)	03325833	03046697
Element (Air cleaner)(Primary)	03326272	03316343
Element (Air cleaner)(Safety)		03316344
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (hyd. Return Filter)	03329152	03325700
Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 6220**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 6220**Grove**Mercedes
OM 502LA (Carrier)Mercedes
OM 904 LA (S/S)**Service Kits****Use Below Kits w/ GMK 6220 VO; S/N 6200-9024 to 9030**

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103549	9999102041
1000 Hr Full w/ A/C	9999103550	9999102042
2000 Hr Full w/o A/C	9999103551	9999103518
2000 Hr Full w/ A/C	9999103552	9999103519

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-ribbed Belt (alternator)	03045817	03045787
V-ribbed Belt (A/C compressor)	03325833	03046697
Element (Air cleaner)(Primary)	03326272	03316343
Element (Air cleaner)(Safety)		03316344
Filter (transmission)	02212647	
Filter (transmission)	02217088	

GMK 6220		Grove
	Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
Filter, Filler (Hyd tank)		01203369
Element (hyd. Return Filter)	03329152	03325700
Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 6220-L		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 6220-L		Grove
	Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
Service Kits		
	Use Below Kits w/ GMK 6220-L V0 – V2; S/N 6220-9031 to 9092	
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103549	9999102041
1000 Hr Full w/ A/C	9999103550	9999102042
2000 Hr Full w/o A/C	9999103551	9999103518
2000 Hr Full w/ A/C	9999103552	9999103519

Grove

GMK 6220-L

		Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
<i>Use Below Kits w/ GMK 6220-L V3; S/N 6220-9093 to 9095</i>			
250 Hr Engine		9999102856	9999102028
500 Hr Engine		9999102857	9999103365
1000 Hr Full w/o A/C		9999103557	9999102041
1000 Hr Full w/ A/C		9999103558	9999102042
2000 Hr Full w/o A/C		9999103559	9999103518
2000 Hr Full w/ A/C		9999103560	9999103519
<i>Use Below Kits w/ GMK 6220-L V4; S/N 6220-9096 & Newer</i>			
250 Hr Engine		9999102856	9999102028
500 Hr Engine		9999102857	9999103365
1000 Hr Full w/o A/C		9999103557	9999103561
1000 Hr Full w/ A/C		9999103558	9999103562
2000 Hr Full w/o A/C		9999103559	9999103563
2000 Hr Full w/ A/C		9999103560	9999103564

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (use w/ GMK6220-L V3, V4)	03328390	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-ribbed Belt (alternator)	03045817	03045787
V-ribbed Belt (alternator)(use w/ GMK6220-L V3, V4)	03328967	
V-ribbed Belt (alternator)(use w/ GMK6220-L V4)		03328612
V-ribbed Belt (A/C Compressor)	03325833	03046697
V-ribbed Belt (A/C Compressor)(use w/ GMK6220-L V4)		03325695
Element (Air cleaner)(Primary)	03326272	03316343
Element (Air cleaner)(Safety)		03316344
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	03329152	03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter (transmission)(use w/ GMK6220-L V3, V4)	03141323	
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (pump drive)	03328172	
Breather (swingbox)		02312187

GMK 6220-L-ROB

Grove

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)

GMK 6220-L-ROB**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 6220-L-ROB**Grove**

Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
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Service Kits

Use Below Kits w/ GMK 6220-L-ROB V0 - V1; S/N 6220-9058 to 9092		
250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103549	9999102041
1000 Hr Full w/ A/C	9999103550	9999102042
2000 Hr Full w/o A/C	9999103551	9999103518
2000 Hr Full w/ A/C	9999103552	9999103519

Use Below Kits w/ GMK 6220-L-ROB V2; S/N 6220-9093 to 9095

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103557	9999102041
1000 Hr Full w/ A/C	9999103558	9999102042
2000 Hr Full w/o A/C	9999103559	9999103518
2000 Hr Full w/ A/C	9999103560	9999103519

Use Below Kits w/ GMK 6220-L-ROB V3; S/N 6220-9096 & Newer

250 Hr Engine	9999102856	9999102028
500 Hr Engine	9999102857	9999103365
1000 Hr Full w/o A/C	9999103557	9999103561
1000 Hr Full w/ A/C	9999103558	9999103562
2000 Hr Full w/o A/C	9999103559	9999103563
2000 Hr Full w/ A/C	9999103560	9999103564

Kit Components

Engine Oil Filter	03328365	03316035
Fuel Filter Element	03319653	
Fuel Filter Element (use w/ GMK6220-L V3, V4)	03328390	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-ribbed Belt (alternator)	03045817	03045787
V-ribbed Belt (alternator)(use w/ GMK6220-L V3, V4)	03328967	
V-ribbed Belt (alternator)(use w/ GMK6220-L V4)		03328612
V-ribbed Belt (A/C Compressor)	03325833	03046697
V-ribbed Belt (A/C Compressor)(use w/ GMK6220-L V4)		03325695
Element (Air cleaner)(Primary)	03326272	03316343
Element (Air cleaner)(Safety)		03316344
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	03329152	03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter (transmission)	02212647	
Filter (transmission)	02217088	

GMK 6220-L-ROB		Mercedes OM 502LA (Carrier)	Mercedes OM 904 LA (S/S)
Filter (transmission)(use w/ GMK6220-L V3, V4)		03141323	
Filter End Cap (air dryer)		03043578	
Breather (transmission)		01371253	
Breather (transfer case)		02315024	
Breather (pump drive)		03328172	
Breather (swingbox)			02312187

GMK 6250		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 6250		Grove	
Service Kits		Mercedes OM 502LA (Carrier)	Mercedes OM 906 LA (S/S)
Use Below Kits w/ GMK 6250 V0 – V1; S/N 6250-8001 to 8003			
250 Hr Engine		9999102856	9999101999
500 Hr Engine		9999102857	9999103278
1000 Hr Full w/o A/C		9999103549	9999103576
1000 Hr Full w/ A/C		9999103550	9999103577
2000 Hr Full w/o A/C		9999103551	9999103578
2000 Hr Full w/ A/C		9999103552	9999103579

Grove
GMK 6250
Mercedes
OM 502LA (Carrier)Mercedes
OM 906 LA (S/S)
Kit Components

Engine Oil Filter	03328365	03045809
Fuel Filter Element	03319653	
Fuel Filter Element (large)		03328573
Fuel Filter Element (small)		03328574
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-ribbed Belt (alternator)	03045817	03328828
V-ribbed Belt (A/C Compressor)	03325833	
V-Belt, Drive (A/C Compressor)		03320895
Element (Air cleaner)(Primary)	03326272	9304990010
Element (Air cleaner)(Safety)		01571418
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	03329152	03325700
Element (Hyd. Return Filter)		03317083
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

Grove
GMK 6300
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

Grove

GMK 6300

Mercedes OM 502LA
(Carrier)

Mercedes OM 906 LA
(S/S)

Mercedes OM 906 LA + MP05
(S/S)

Service Kits

Use Below Kits w/ GMK 6300 V0 – V4; S/N 6300-9001 to 9092

250 Hr Engine	9999102856	9999101999
500 Hr Engine	9999102857	9999103583
1000 Hr Full w/o A/C	9999103549	9999103584
1000 Hr Full w/ A/C	9999103550	9999103585
2000 Hr Full w/o A/C	9999103551	9999103586
2000 Hr Full w/ A/C	9999103552	9999103587

Use Below Kits w/ GMK 6300 V5; S/N 6300-9093 to 9097

250 Hr Engine	9999102856	9999101999
500 Hr Engine	9999102857	9999103583
1000 Hr Full w/o A/C	9999103557	9999103584
1000 Hr Full w/ A/C	9999103558	9999103585
2000 Hr Full w/o A/C	9999103588	9999103586
2000 Hr Full w/ A/C	9999103589	9999103587

Use Below Kits w/ GMK 6300 V6 – V7; S/N 6300-9098 & Newer

250 Hr Engine	9999102856	9999101999
500 Hr Engine	9999102857	9999103278
1000 Hr Full w/o A/C	9999103557	9999103590
1000 Hr Full w/ A/C	9999103558	9999103591
2000 Hr Full w/o A/C	9999103588	9999103592
2000 Hr Full w/ A/C	9999103589	9999103593

Kit Components

Engine Oil Filter	03328365	03045809	03045809
Fuel Filter Element	03319653		
Fuel Filter Element (use w/ GMK6300 V5)	03328390		
Fuel Filter Element (large)		03328573	03328573
Fuel Filter Element (small)		03328574	03328574
Fuel Filter (fuel tank)	02316997		
Fuel Filter (fuel tank)	03041008		
V-ribbed Belt (alternator)	03045817	03328828	03325832
V-ribbed Belt (alternator)(use w/ GMK6300 V5)	03328967		
Belt, Drive (A/C Compressor)		03320895	03320895
V-ribbed Belt (A/C Compressor)	03325833	03325695	03325695
Element (Air cleaner)(Primary)	03326272	9304990010	9304990010
Element (Air cleaner)(Safety)		01571418	01571418
Filter (transmission)	02212647		
Filter (transmission)	02217088		
Filter (transmission)(use w/ GMK6300 V5)	03141323		
Filter, Filler (Hyd tank)		01203369	01203369
Element (Hyd. Return Filter)	03329152	03325700	03325700
Element (Hyd. Return Filter)		03317083	03317083
Filter Element (hyd reservoir vent)		03319602	03319602
Filter Element, (Hyd. Pressure Filter)		03046526	03046526
Filter End Cap (air dryer)	03043578		
Breather (transmission)	01371253		
Breather (transfer case)	02315024		
Breather (pump drive)	03328172		
Breather (axle)	03319200		
Breather (swingbox)		02312187	02312187

GMK 6300-ROB

Grove

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND

GMK 6300-ROB**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

GMK 6300-ROB**Grove**Mercedes OM 502LA
(Carrier)Mercedes OM 906 LA
(S/S)Mercedes OM 906 LA + MP05
(S/S)**Service Kits****Use Below Kits w/ GMK 6300-ROB V0 - V1; S/N 6300-9060 to 9092**

250 Hr Engine	9999102856	9999101999	
500 Hr Engine	9999102857	9999103583	
1000 Hr Full w/o A/C	9999103549	9999103584	
1000 Hr Full w/ A/C	9999103550	9999103585	
2000 Hr Full w/o A/C	9999103551	9999103586	
2000 Hr Full w/ A/C	9999103552	9999103587	

Use Below Kits w/ GMK 6300-ROB V2; S/N 6300-9093 to 9097

250 Hr Engine	9999102856	9999101999	
500 Hr Engine	9999102857	9999103583	
1000 Hr Full w/o A/C	9999103557	9999103584	
1000 Hr Full w/ A/C	9999103558	9999103585	
2000 Hr Full w/o A/C	9999103588	9999103586	
2000 Hr Full w/ A/C	9999103589	9999103587	

Use Below Kits w/ GMK 6300-ROB V6 - V4; S/N 6300-9098 & Newer

250 Hr Engine	9999102856	9999101999	
500 Hr Engine	9999102857	9999103278	
1000 Hr Full w/o A/C	9999103557	9999103590	
1000 Hr Full w/ A/C	9999103558	9999103591	
2000 Hr Full w/o A/C	9999103588	9999103592	
2000 Hr Full w/ A/C	9999103589	9999103593	

Kit Components

Engine Oil Filter	03328365	03045809	03045809
Fuel Filter Element	03319653		
Fuel Filter Element (use w/ GMK6300 V5)	03328390		
Fuel Filter Element (large)		03328573	03328573
Fuel Filter Element (small)		03328574	03328574
Fuel Filter (fuel tank)	02316997		
Fuel Filter (fuel tank)	03041008		
V-ribbed Belt (alternator)	03045817	03328828	03325832
V-ribbed Belt (alternator)(use w/ GMK6300 V5)	03328967		

Grove
GMK 6300-ROB

	Mercedes OM 502LA (Carrier)	Mercedes OM 906 LA (S/S)	Mercedes OM 906 LA + MP05 (S/S)
Belt, Drive (A/C Compressor)		03320895	03320895
V-ribbed Belt (A/C Compressor)	03325833	03325695	03325695
Element (Air cleaner)(Primary)	03326272	9304990010	9304990010
Element (Air cleaner)(Safety)		01571418	01571418
Filter (transmission)	02212647		
Filter (transmission)	02217088		
Filter (transmission)(use w/ GMK6300 V5)	03141323		
Filter, Filler (Hyd tank)		01203369	01203369
Element (Hyd. Return Filter)	03329152	03325700	03325700
Element (Hyd. Return Filter)		03317083	03317083
Filter Element (hyd reservoir vent)		03319602	03319602
Filter Element, (Hyd. Pressure Filter)		03046526	03046526
Filter End Cap (air dryer)	03043578		
Breather (transmission)	01371253		
Breather (transfer case)	02315024		
Breather (pump drive)	03328172		
Breather (axle)	03319200		
Breather (swingbox)		02312187	02312187

GMK 6300-L
Grove
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

Grove

GMK 6300-L	Mercedes OM 502 LA (Carrier)	Mercedes OM 502LA (Tier III A) (Carrier)	Mercedes OM 906 LA (S/S)	Mercedes OM 926 LA E3B/4I (S/S)	Mercedes OM 906 LA E3A (S/S)
Service Kits					
		Use Below Kits w/ GMK 6300-L V0; S/N 6300-1001 & Newer			
250 Hr Engine	9999102856		9999101999		
500 Hr Engine	9999102857		9999103278		
1000 Hr Full w/o A/C	9999103596		9999103598		
1000 Hr Full w/ A/C					
2000 Hr Full w/o A/C	9999103597		9999103599		
2000 Hr Full w/ A/C					
		Use Below Kits w/ GMK 6300-L V1; S/N 6300-1001 & Newer			
250 Hr Engine	9999102856		9999101999		
500 Hr Engine	9999102857		9999103278		
1000 Hr Full w/o A/C	9999103600		9999103279		
1000 Hr Full w/ A/C					
2000 Hr Full w/o A/C	9999103601		9999103602		
2000 Hr Full w/ A/C					
		Use Below Kits w/ GMK 6300-L V2; S/N 6300-3056 & Newer			
250 Hr Engine	9999102856	9999102856		9999101999	9999101999
500 Hr Engine	9999102857	9999102857		9999103278	9999103278
1000 Hr Full w/o A/C	9999103274	9999103276		9999103279	9999103281
1000 Hr Full w/ A/C					
2000 Hr Full w/o A/C	9999103275	9999103277		9999103280	9999103282
2000 Hr Full w/ A/C					
Kit Components					
Engine Oil Filter	03328365	03328365	03045809	03045809	03045809
Fuel Filter Element	03319653	03319653			
Fuel Filter Element (large)			03328573	03328573	03328573
Fuel Filter Element (small)			03328574	03328574	03328574
Fuel Filter (fuel tank)	02316997		02316997		
Fuel Filter (fuel tank)	03041008		03041008		
Fuel Filter (fuel/water separator)	03322877	03322877	03322877	03322877	03322877
V-ribbed Belt	03328967	03328967			
V-ribbed Belt (use w/ GMK6300-L V1)			03325695	03325695	
V-ribbed Belt (use w/ GMK6300-L V2)	03325833			03325695	
V-ribbed Belt			03325832		03325832
Element (air cleaner)(Primary)	03328262	03328262	03328263	03328263	03328263
Filter (transmission)	03141323	03141323			
Filter, Filler (hyd tank)			01203369	01203369	01203369
Element (hyd return filter)	03329152	03329152	03325700	03325700	03325700
Filter Element (hyd tank vent)			03319602	03319602	03319602
Filter Element (hyd tank vent)(use w/ GMK6300-L V2)	01576026	01576026			
Filter Element, (hyd press)			03142356	03142356	03142356
Filter Element (hyd press cont. unit)	03140253	03140253			
Filter (cab)	03134974	03134974			
Filter End Cap (air dryer)	03043578	04157844	04157844		
Filter End Cap (air dryer)(use w/ GMK6300-L V1, V2)	04157844				
Filter (control unit)			03326793		
Breather (pump drive)	03328172	03328172			
Breather (axle)	03319200	03319200			
Breather (swingbox)			02312187	02312187	02312187

Grove

Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND

GMK 6300-L-ROB**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID

Grove					
GMK 6300-L-ROB		Mercedes OM 502 LA (Carrier)	Mercedes OM 502LA (Tier III A) (Carrier)	Mercedes OM 926 LA E3B/4I (S/S)	Mercedes OM 906 LA E3A (S/S)
Service Kits					
Use Below Kits w/ GMK 6300-L-ROB V0; S/N 6300-1001 & Newer					
250 Hr Engine		9999102856	9999102856		9999101999
500 Hr Engine		9999102857	9999102857		9999103278
1000 Hr Full w/o A/C		9999103274	9999103276		9999103279
1000 Hr Full w/ A/C					
2000 Hr Full w/o A/C		9999103275	9999103277		9999103602
2000 Hr Full w/ A/C					
Use Below Kits w/ GMK 6300-L+ROB V1; S/N 6300-1001 & Newer					
250 Hr Engine		9999102856	9999102856		9999101999
500 Hr Engine		9999102857	9999102857		9999103278
1000 Hr Full w/o A/C		9999103274	9999103276		9999103279
1000 Hr Full w/ A/C					9999103281
2000 Hr Full w/o A/C		9999103275	9999103277		9999103280
2000 Hr Full w/ A/C					9999103282
Kit Components					
Engine Oil Filter		03328365	03328365		03045809
Fuel Filter Element		03319653	03319653		
Fuel Filter Element (large)					03328573
Fuel Filter Element (small)					03328574
Fuel Filter (fuel/water separator)		03322877	03322877		03322877
V-ribbed Belt			03328967		
V-ribbed Belt (use w/ GMK6300-L-ROB V1)					03325695
V-ribbed Belt		03325833			
V-ribbed Belt					03325832
Element (air cleaner)(Primary)		03328262	03328262		03328263
Filter (transmission)		03141323	03141323		
Filter, Filler (hyd tank)					01203369
Element (hyd return filter)		03329152	03329152		03325700
Filter Element (hyd tank vent)					03319602
Filter Element (hyd tank vent)		01576026	01576026		03319602

Grove

GMK 6300-L-ROB	Mercedes OM 502 LA (Carrier)	Mercedes OM 502LA (Tier III A) (Carrier)		Mercedes OM 926 LA E3B/4I (S/S)	Mercedes OM 906 LA E3A (S/S)
Filter Element, (hyd press)				03142356	03142356
Filter Element (hyd press cont. unit)	03140253	03140253			
Filter (cab)	03134974	03134974			
Filter End Cap (air dryer)		04157844		04157844	
Filter End Cap (air dryer)(use w/ GMK6300-L V1, V2)	04157844				
Breather (pump drive)	03328172	03328172			
Breather (axle)	03319200	03319200			
Breather (swingbox)				02312187	02312187

GMK 6400
Grove

Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6400

Mercedes OM 502 LA

Service Kits

Use Below Kits w/ GMK 6400 V0, V1; S/N 6400-2001 & Newer

250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C (Carr & S/S)	9999103603
2000 Hr Full w/o A/C (Carr & S/S)	9999103604

Kit Components

Engine Oil Filter	03328365
Fuel Filter	03319653

GMK 6400		Grove
		Mercedes OM 502 LA
Fuel Filter (Fuel/water separator)		03322877
Fuel Filter (Tank)		
V-ribbed Belt (alternator)		03328609
V-belt		03138381
Belt, Drive (A/C Compressor)		
Element, Primary (Air cleaner)		03328262
Element (Air cleaner)		
Filter, Filler (Hyd tank)		01203369
Element (Hyd Return Filter)(carrier)		03329152
Element (Hyd Return Filter)		03317083
Element (Hyd Return Filter)		03325700
Filter (Hyd reservoir vent)		03134932
Filter Element (Hyd. Pressure)		03046526
Filter Element (Hyd. Pressure -control unit)		03140253
Filter Element (Hyd Pressure RH Steer cont. unit)		03135866
Filter (cab)		03134974
Filter End Cap (Air Dryer)		04157844
Breather (Transmission)		01929723
Breather (Transmission)		03324719
Breather (Transmission)		04155771
Breather (Pump drive)		03328172
Breather (axle)		03319200
Breather (Swingbox)		02312187

GMK 6400-ROB		Grove	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	
		DESCRIPTION	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6400-ROB	Grove
	Mercedes OM 502 LA
Service Kits	
	Use Below Kits w/ GMK 6400-ROB V0, V1; S/N 6400-2001 & Newer
250 Hr Engine	9999102856
500 Hr Engine	9999102857
1000 Hr Full w/o A/C (Carr & S/S)	9999103603
2000 Hr Full w/o A/C (Carr & S/S)	9999103604
Kit Components	
Engine Oil Filter	03328365
Fuel Filter	03319653
Fuel Filter (Fuel/water separator)	03322877
Fuel Filter (Tank)	
V-ribbed Belt (alternator)	03328609
V-belt	03138381
Belt, Drive (A/C Compressor)	
Element, Primary (Air cleaner)	03328262
Element (Air cleaner)	
Filter, Filler (Hyd tank)	01203369
Element (Hyd Return Filter)(carrier)	03329152
Element (Hyd Return Filter)	03317083
Element (Hyd Return Filter)	03325700
Filter (Hyd reservoir vent)	03134932
Filter Element (Hyd. Pressure)	03046526
Filter Element (Hyd. Pressure -control unit)	03140253
Filter Element (Hyd Pressure RH Steer cont. unit)	03135866
Filter (cab)	03134974
Filter End Cap (Air Dryer)	04157844
Breather (Transmission)	01929723
Breather (Transmission)	03324719
Breather (Transmission)	04155771
Breather (Pump drive)	03328172
Breather (axle)	03319200
Breather (Swingbox)	02312187

GMK 7450	Grove		
Fluids and Lubricants			
SPEC NO SPEC NO 2 PART NO DESCRIPTION			
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1

GMK 7450**Grove****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)

GMK 7450**Grove**

Mercedes OM 502 LA (Carrier)	Mercedes OM 502 LA (Tier III A) (Carrier)	Mercedes OM 502 LA +MP05 (Carrier)	Mercedes OM 906 LA (S/S)	Mercedes OM 906 LA EURO 3A (S/S)
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Service Kits

Use Below Kits w/ GMK 7450 V0, V1; S/N 7450-8001 to 8007				
250 Hr Engine	9999102856			9999101999
500 Hr Engine	9999102857			9999103278
1000 Full w/o A/C	9999103620			9999102056
2000 Full w/o A/C	9999102621			9999103632
Use Below Kits w/ GMK 7450 V2; S/N 7450-8008 to 8014				
250 Hr Engine	9999102856			9999101999
500 Hr Engine	9999102857			9999103278
1000 Full w/o A/C	9999103622			9999102056
2000 Full w/o A/C	9999102623			9999103632
Use Below Kits w/ GMK 7450 V3, V4; S/N 7450-8015 to 8032				
250 Hr Engine	9999102856			9999101999
500 Hr Engine	9999102857			9999103278
1000 Full w/o A/C	9999103622			9999103624
2000 Full w/o A/C	9999102623			9999103625
Use Below Kits w/ GMK 7450 V5; S/N 7450-8033 & Newer				
250 Hr Engine	9999102856			9999101999
500 Hr Engine	9999102857			9999103278
1000 Full w/o A/C	9999103626			9999103628
2000 Full w/o A/C	9999102627			9999103629
Use Below Kits w/ GMK 7450 V6, V7; S/N 7450-8033 & Newer				
250 Hr Engine	9999102856	9999102856		9999101999
500 Hr Engine	9999102857	9999102857		9999103278
1000 Full w/o A/C	9999103630	9999103630		9999103628
2000 Full w/o A/C	9999102631	9999102631		9999103629

Kit Components

Engine Oil Filter	03328365	03328365	03328365	03045809	03045809
Fuel Filter Element	03319653	03319653	03319653		
Fuel Filter Element (large)				03328573	03328573
Fuel Filter Element (small)				03328574	03328574
Fuel Filter Element (in-line)	9414101307	9414101307			
Fuel Filter Element (fuel tank)	03041008	03041008	03041008	03041008	03041008
Fuel Filter Element (fuel tank)	02316997	02316997	02316997		
Fuel Water Separator Filter		03322877	03322877	03322877	03322877
V-ribbed Belt (alternator)	03045817	0328609	0328609	03328277	03325695
V-Belt (use w/ GMK7450 V5-V7)		03138381	03138381		
Element (Air cleaner)(Primary)	9304100196	03328262	03328262	03322865	03322865
Element (Air cleaner)(Safety)					
Filter (transmission)	03141323	03141323	03141323		
Filter, Filler (Hyd tank)	01203369	01203369	01203369	01203369	01203369
Element (Hyd. Return Filter)	02316289			03042991	
Element (Hyd. Return Filter)				03317083	03317083
Element (hyd. Return filter)(use w/ GMK7450 V3-V7)				03325700	03325700
Element (hyd. Return filter)(use w/ GMK7450 V5)		03325701			
Element (hyd. Return filter)(use w/ GMK7450 V6,V7)		03329152	03329152		
Filter Element (hyd reservoir vent)				03319602	03319602
Filter Element (Hyd. Pressure Filter)				03046526	03046526
Filter End Cap (air dryer)	03043578	03043578	03043578		
Breather (axle)(use w/ GMK7450 V2-V5)	01925788	01925788			
Breather (axle)(use w/ GMK7450 V6,V7)		03140118	03140118		
Breather (swingbox)				02312187	02312187

Grove GMK Fluids and Service Kits – Cummins Engine

GMK 5130		Grove	
Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5130		Cummins N14-525E+ (Carrier)	Cummins 6BTAA5.9C (S/S)
Service Kits (Cummins Engine)			
<i>Use Below Kits w/ GMK 5130-C V0; S/N 5130-8051 & Newer</i>			
250 Hr Engine		9999102145	9999102175
500 Hr Engine		9999102153	9999102195
1000 Hr Full w/o A/C		9999102193	9999102079
1000 Hr Full w/ A/C		9999102194	9999102080
2000 Hr Full w/o A/C		9999103479	9999102081
2000 Hr Full w/ A/C		9999103480	9999103482
Kit Components			
Engine Oil Filter		A104130	9414100813
Fuel Filter Element			9414100789
Fuel Filter Element			9414101066
Fuel Filter Element (fuel/water separator)		7437000747	
Fuel Filter Element (in-line)			
V-Belt, Drive (alternator)		02317272	9414101534
V-Belt, Drive (A/C Compressor)		03319218	01372264
Element (Air cleaner)(Primary)		02255056	01064085
Element (Air cleaner)(Safety)		02255055	01678357
Filter (transmission)		02212647	
Filter (transmission)		02217088	
Filter, Filler (Hyd tank)			01203369
Element (Hyd. Return Filter)		02316289	02257690

GMK 5130		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
Filter End Cap (air dryer)		03043578	01375095
Breather (transmission)		01371253	
Breather (transfer case)		02315024	
Breather (swingbox)			02312187

GMK 5130-L				Grove
Fluids and Lubricants (Cummins Engine)				
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829013460	*	6829013460	A/C R134a REFRIGERANT	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)	
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1	
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	

GMK 5130-L		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
Service Kits (Cummins Engine)			
<i>Use Below Kits w/ GMK 5130-C V0; S/N 5130-8051 & Newer</i>			
250 Hr Engine		9999102145	9999102175
500 Hr Engine		9999102153	9999102195
1000 Hr Full w/o A/C		9999102193	9999102079
1000 Hr Full w/ A/C		9999102194	9999102080
2000 Hr Full w/o A/C		9999103479	9999102081
2000 Hr Full w/ A/C		9999103480	9999103482
Kit Components			
Engine Oil Filter		A104130	9414100813
Fuel Filter Element			9414100789
Fuel Filter Element			9414101066
Fuel Filter Element (fuel/water separator)		7437000747	
Fuel Filter Element (in-line)			

GMK 5130-L		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
V-Belt, Drive (alternator)		02317272	9414101534
V-Belt, Drive (A/C Compressor)		03319218	01372264
Element (Air cleaner)(Primary)		02255056	01064085
Element (Air cleaner)(Safety)		02255055	01678357
Filter (transmission)		02212647	
Filter (transmission)		02217088	
Filter, Filler (Hyd tank)			01203369
Element (Hyd. Return Filter)		02316289	02257690
Filter End Cap (air dryer)		03043578	01375095
Breather (transmission)		01371253	
Breather (transfer case)		02315024	
Breather (swingbox)			02312187

GMK 5160		Grove	
Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5160		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
Service Kits (Cummins Engine)			
Use Below Kits w/ GMK 5160-C VO; S/N 5160-8143 to 8150			
250 Hr Engine		9999102145	9999102175
500 Hr Engine		9999102153	9999102195
1000 Hr Full w/o A/C		9999102193	9999102077
1000 Hr Full w/ A/C		9999102194	9999102078
2000 Hr Full w/o A/C		9999103479	9999103507
2000 Hr Full w/ A/C		9999103480	9999103508

Grove
GMK 5160

 Cummins
N14-525E+ (Carrier)

Cummins 6BTA5.9C (S/S)

Kit Components

Engine Oil Filter	A104130	9414100813
Fuel Filter Element		9414100789
Fuel Filter Element		9414101066
Fuel filter Element (fuel/water separator)	7437000747	
V-Belt, Drive (alternator)	02317272	9414101534
V-Belt, Drive (A/C Compressor)	03319218	01372264
Element (Air cleaner)(Primary)	02255056	01064085
Element (Air cleaner)(Safety)	02255055	01678357
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03042991
Filter Element, (Hyd. Pressure Filter)		02255938
Filter End Cap (air dryer)	03043578	01375095
Breather (transmission)	01371253	
Breather (transfer case)	02315024	

GMK 5170
Grove
Fluids and Lubricants (Cummins Engine)

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829103617	*	03325216	HIGH LUBE SW-2 SPRAY-ON GREASE
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 5170		Cummins QSX15 (Carrier)	Cummins QSB6.7 (S/S)
Service Kits (Cummins Engine)			
Use Below Kits w/ GMK 5170-C V0; S/N 5170-3001 & Newer			
250 Hr Engine		9999102865	9999103512
500 Hr Engine		9999103509	9999103513
1000 Hr Full w/o A/C		9999103510	9999103514
2000 Hr Full w/o A/C		9999103511	9999103515
Kit Components			
Engine Oil Filter		9414101527	9414101679
Fuel Filter Element		A146860	90013227
Fuel Filter Element (fuel tank)			03041008
Fuel Filter Element		03316493	
Flush Filter (fuel)		03316501	
Fuel filter Element (fuel/water separator)			
V-Belt, Drive (alternator)		A047920	03135260
Belt (Water pump)		A050810	
Element (Air cleaner)(Primary)		03328262	03328263
Filter (transmission)		03141323	
Filter, Filler (Hyd tank)		01203369	01203369
Element (Hyd. Return Filter)		03329152	03325700
Element (hyd reservoir vent)		03142360	03319602
Filter Element, (Hyd. Pressure Filter)			03142356
Filter (cab heater)		03326206	
Filter End Cap (air dryer)		03043578	
Breather (transfer case)		03327172	
Breather (axle)		03319200	
Breather (swingbox)			02312187
Vent Filter (hoist)			03134805

GMK 5180			
Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

GMK 5180	Grove		
Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

Grove

GMK 5180

Cummins AHD 600 Signature (Carrier)

Cummins 6BTA5.9C (S/S)

Service Kits (Cummins Engine)

Use Below Kits w/ GMK 5180-C V0; S/N 5180-8005 To 8140; 5180-9005 To 9140

250 Hr Engine	9999102865	9999102175
500 Hr Engine	9999102190	9999102179
1000 Hr Full w/o A/C	9999102191	9999102183
1000 Hr Full w/ A/C	9999102192	9999102187
2000 Hr Full w/o A/C	9999103520	9999103521
2000 Hr Full w/ A/C	9999103525	9999103522

Kit Components

Engine Oil Filter	9414101527	9414100813
Fuel Filter Element	03316493	9414100789
Fuel Filter Element	03316501	9414101535
V-Belt, Drive (alternator)	03316492	707410004
V-Belt, Drive (A/C Compressor)	03318985	03317444
Element (Air cleaner)(Primary)	02255056	03316343
Element (Air cleaner)(Safety)	02255055	03316344
Filter Element (transmission)	02212647	
Filter Element (transmission)	02217088	
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)	02316289	03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	02315024	
Breather (transfer case)	01371253	
Breather (swingbox)		02312187

Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)

GMK 5200**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)

GMK 5200**Grove**Cummins AHD 600 Signature
(Carrier)Cummins ISX02 565
(Carrier)

Cummins 6BTA5.9C (S/S)

Service Kits (Cummins Engine)**Use Below Kits w/ GMK5200-C V0, V1; S/N 5200-8141 to 8233; 5200-9141 to 9233**

250 Hr Engine	9999102865		9999102175
500 Hr Engine	9999102190		9999102179
1000 Hr Full w/o A/C	9999102191		9999102183
1000 Hr Full w/ A/C	9999102192		9999102187
2000 Hr Full w/o A/C	9999103520		9999103521
2000 Hr Full w/ A/C	9999103525		9999103522

Use Below Kits w/ GMK5200-C V2; S/N 5200-8234, 8273 & Newer

250 Hr Engine	9999103526		9999102175
500 Hr Engine	9999103527		9999102179
1000 Hr Full w/o A/C	9999103528		9999102183
1000 Hr Full w/ A/C			9999102187
2000 Hr Full w/o A/C	9999103529		9999103521
2000 Hr Full w/ A/C			9999103522

Kit Components

Engine Oil Filter	9414101527	4136480	9414100813
Fuel Filter Element	03316493	03316493	9414100789
Fuel Filter Element	03316501	03316501	9414101535
Engine Coolant Conditioner Filter		A047940	
V-Belt, Drive (alternator)	03316492	03318985	7074100004
V-Belt, Drive (A/C Compressor)	03318985		03317444
Element (Air cleaner)(Primary)	02255056	02255056	03316343
Element (Air cleaner)(Safety)	02255055	02255055	03316344
Filter (transmission)	02212647	03141323	
Filter (transmission)	02217088		
Filter, Filler (Hyd tank)	01203369	01203369	01203369
Element (Hyd. Return Filter)	02316289	02316289	03325700
Filter Element (hyd reservoir vent)			03319602
Filter Element, (Hyd. Pressure Filter)			03046526
Filter End Cap (air dryer)	03043578	03043578	
Breather (transmission)	01371253		
Breather (transfer case)	02315024	02315024	
Breather (swingbox)			02312187

GMK 5220**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

GMK 5220**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID (V2 ONLY)

GMK 5220**Grove**

Cummins QSX 15 399KW Tier III (Carrier)

Cummins QSB6.7-C260 (S/S)

Service Kits (Cummins Engine)*Use Below Kits w/ GMK5220-C V0 – V3; S/N 5220-3001 & Newer*

250 Hr Engine	9999102865	9999102869
500 Hr Engine	9999102866	9999102870
1000 Hr Full w/o A/C	9999102867	9999102871
1000 Hr Full w/ A/C	9999102867	9999102872
2000 Hr Full w/o A/C	9999102868	9999103547
2000 Hr Full w/ A/C	9999102868	9999103548

Kit Components

Engine Oil Filter	9414101527	9414101679
Fuel Filter Element (Primary)		90013227
Fuel Filter Element (Secondary)		9414101756
Fuel Filter Element	A146860	
Fuel Filter Element	03316501	
Fuel Filter Element	03316493	
Fuel Filter (fuel tank)		03041008
Engine Coolant Filter	03328982	
V-Belt, Drive (alternator)	A047920	03135260
Belt, Drive (water pump)	A050810	
V-Belt, Drive (A/C Compressor)		90012569
Element (Air cleaner)(Primary)	03328262	03328263
Filter (transmission)	03141323	
Filter, Filler (Hyd tank)	01203369	01203369
Element (Hyd. Return Filter)	03329152	03325700
Filter Element (Hyd Tank Vent)	03142360	03319602
Filter Element (hyd press RH Steer Control unit)	03135866	
Filter Element (Hyd. Pressure Filter)		03142356
Filter (valve control unit)		03326793
Filter (cab heater)	03326206	

GMK 5220		Cummins QSX 15 399KW Tier III (Carrier)	Cummins QSB6.7-C260 (S/S)
Filter End Cap (air dryer)		03043578	
Breather (axle)		03319200	
Breather (swingbox)			02312187
Vent Filter (hoist)			03134805

GMK 6200				Grove
Fluids and Lubricants (Cummins Engine)				
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION	
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)	
6829013460	*	6829013460	A/C R134a REFRIGERANT	
6829003689	*	01573046	ANTI-SEIZE COMPOUND	
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)	
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)	
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)	
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)	
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)	
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE	
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE	
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID	
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)	
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)	
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)	
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1	
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)	
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)	

GMK 6200		Grove	
		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
Service Kits (Cummins Engine)			
Use Below Kits w/ GMK6200-C V0,V1; S/N 6200-9001 to 9023			
250 Hr Engine		9999102145	9999102175
500 Hr Engine		9999102153	9999102179
1000 Hr Full w/o A/C		9999103553	9999102183
1000 Hr Full w/ A/C		9999103554	9999102187
2000 Hr Full w/o A/C		9999103555	9999103521
2000 Hr Full w/ A/C		9999103556	9999103522
Kit Components			
Engine Oil Filter		A104130	9414100813
Fuel Filter Element			9414100789
Fuel Filter Element			9414101535
Fuel Filter (fuel/water separator)		7437000747	

GMK 6200		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
Fuel Filter (fuel tank)		02316997	
Fuel Filter (fuel tank)		03041008	
V-Belt, Drive (alternator)		02317272	7074100004
V-Belt, Drive (A/C Compressor)		03319218	03317444
Element (Air cleaner)(Primary)		02255056	03316343
Element (Air cleaner)(Safety)		02255055	03316344
Filter (transmission)		02212647	
Filter (transmission)		02217088	
Filter, Filler (Hyd tank)			01203369
Element (Hyd. Return Filter)		02316289	03325700
Filter Element (hyd reservoir vent)			03319602
Filter Element, (Hyd. Pressure Filter)			03046526
Filter End Cap (air dryer)		03043578	
Breather (transmission)		01371253	
Breather (transfer case)		02315024	
Breather (swingbox)			02312187

GMK 6200-ROB		Grove	
Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6200-ROB		Grove	
Service Kits (Cummins Engine)		Cummins N14-525E+ (Carrier)	Cummins 6BTA5.9C (S/S)
<i>Use Below Kits w/ GMK6200-C-ROB V0,V1; S/N 6200-9001 to 9023</i>			
250 Hr Engine		9999102145	9999102175
500 Hr Engine		9999102153	9999102179

Grove
GMK 6200-ROB

	Cummins N14-525E+ (Carrier)	Cummins 6BTAA5.9C (S/S)
1000 Hr Full w/o A/C	9999103553	9999102183
1000 Hr Full w/ A/C	9999103554	9999102187
2000 Hr Full w/o A/C	9999103555	9999103521
2000 Hr Full w/ A/C	9999103556	9999103522
Kit Components		
Engine Oil Filter	A104130	9414100813
Fuel Filter Element		9414100789
Fuel Filter Element		9414101535
Fuel Filter (fuel/water separator)	7437000747	
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-Belt, Drive (alternator)	02317272	7074100004
V-Belt, Drive (A/C Compressor)	03319218	03317444
Element (Air cleaner)(Primary)	02255056	03316343
Element (Air cleaner)(Safety)	02255055	03316344
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

Grove
GMK 6220-ROB

Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

Grove
GMK 6220-ROB

 Cummins
N14-525E+ (Carrier)

Cummins 6BTA5.9C (S/S)

Service Kits (Cummins Engine)

Use Below Kits w/ GMK6220-C-ROB V0,V1; S/N 6200-9024 to 9023

250 Hr Engine	9999102145	9999102175
500 Hr Engine	9999102153	9999102179
1000 Hr Full w/o A/C	9999103553	9999102183
1000 Hr Full w/ A/C	9999103554	9999102187
2000 Hr Full w/o A/C	9999103555	9999103521
2000 Hr Full w/ A/C	9999103556	9999103522

Kit Components

Engine Oil Filter	A104130	9414100813
Fuel Filter Element		9414100789
Fuel Filter Element		9414101535
Fuel Filter (fuel/water separator)	7437000747	
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-Belt, Drive (alternator)	02317272	7074100004
V-Belt, Drive (A/C Compressor)	03319218	03317444
Element (Air cleaner)(Primary)	02255056	03316343
Element (Air cleaner)(Safety)	02255055	03316344
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 6220-L-ROB
Grove
Fluids and Lubricants (Cummins Engine)

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

GMK 6220-L-ROB**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6220-L-ROB**Grove****Service Kits (Cummins Engine)**

Use Below Kits w/ GMK6220-C-L-ROB V0,V1; S/N 6200-9031 & Newer		
250 Hr Engine	9999102145	9999102175
500 Hr Engine	9999102153	9999102179
1000 Hr Full w/o A/C	9999103553	9999102183
1000 Hr Full w/ A/C	9999103554	9999102187
2000 Hr Full w/o A/C	9999103555	9999103521
2000 Hr Full w/ A/C	9999103556	9999103522

Kit Components

Engine Oil Filter	A104130	9414100813
Fuel Filter Element		9414100789
Fuel Filter Element		9414101535
Fuel Filter (fuel/water separator)	7437000747	
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
V-Belt, Drive (alternator)	02317272	7074100004
V-Belt, Drive (A/C Compressor)	03319218	03317444
Element (Air cleaner)(Primary)	02255056	03316343
Element (Air cleaner)(Safety)	02255055	03316344
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03325700
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 6250**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)

GMK 6250**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6250**Grove**Cummins
N14-525E+ (Carrier)Cummins
6CTA8.3-198 (S/S)**Service Kits (Cummins Engine)***Use Below Kits w/ GMK6250-C V0; S/N 6250-8003 & Newer*

250 Hr Engine	9999102145	9999102145
500 Hr Engine	9999102153	9999102061
1000 Hr Full w/o A/C	9999103553	9999102062
2000 Hr Full w/o A/C	9999103555	9999103582

Kit Components

Engine Oil Filter	A104130	A104130
Fuel Filter Element		9414100789
Fuel Filter Element		9414101066
Fuel Filter (fuel/water separator)	7437000747	
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
Filter Element (engine coolant)		03045682
V-Belt, Drive (alternator)	02317272	9414101354
Element (Air cleaner)(Primary)	02255056	9304990010
Element (Air cleaner)(Safety)	02255055	01571418
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03325700
Element (hyd reservoir return)		03317083
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 6250-ROB**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND

GMK 6250-ROB**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6250-ROB**Grove**Cummins
N14-525E+ (Carrier)Cummins
6CTA8.3-198 (S/S)**Service Kits (Cummins Engine)***Use Below Kits w/ GMK6250-C-ROB V0; S/N 6250-8021 & Newer*

250 Hr Engine	9999102145	9999102145
500 Hr Engine	9999102153	9999102061
1000 Hr Full w/o A/C	9999103553	9999102062
2000 Hr Full w/o A/C	9999103555	9999103582

Kit Components

Engine Oil Filter	A104130	A104130
Fuel Filter Element		9414100789
Fuel Filter Element		9414101066
Fuel Filter (fuel/water separator)	7437000747	
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
Filter Element (engine coolant)		03045682
V-Belt, Drive (alternator)	02317272	9414101354
Element (Air cleaner)(Primary)	02255056	9304990010
Element (Air cleaner)(Safety)	02255055	01571418
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03325700
Element (hyd reservoir return)		03317083
Filter Element (hyd reservoir vent)		03319602
Filter Element, (Hyd. Pressure Filter)		03046526
Filter End Cap (air dryer)	03043578	
Breather (transmission)	01371253	
Breather (transfer case)	02315024	
Breather (swingbox)		02312187

GMK 6300**Grove****Fluids and Lubricants (Cummins Engine)**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6300**Grove**Cummins
N14-525E+ (Carrier)

Cummins 6CTA8.3-198 (S/S)

Service Kits (Cummins Engine)*Use Below Kits w/ GMK6300-C V0 - V3; S/N 6300-9001 & Newer*

250 Hr Engine	9999102145	9999102145
500 Hr Engine	9999102153	9999102061
1000 Hr Full w/o A/C	9999103553	9999102062
1000 Hr Full w/ A/C		9999102063
2000 Hr Full w/o A/C	9999103555	9999103594
2000 Hr Full w/ A/C		9999103595

Kit Components

Engine Oil Filter	A104130	A104130
Fuel Filter Element		9414100789
Fuel Filter Element		9414101066
Fuel Filter (fuel/water separator)	7437000747	
Fuel Filter (fuel tank)	02316997	
Fuel Filter (fuel tank)	03041008	
Filter Element (engine coolant)		03045682
V-Belt, Drive (alternator)	02317272	9414101354
V-Belt, Drive (A/C Compressor)		03321185
Element (Air cleaner)(Primary)	02255056	9304990010
Element (Air cleaner)(Safety)	02255055	01571418
Filter (transmission)	02212647	
Filter (transmission)	02217088	
Filter, Filler (Hyd tank)		01203369
Element (Hyd. Return Filter)	02316289	03325700

GMK 6300		Cummins N14-525E+ (Carrier)	Cummins 6CTA8.3-198 (S/S)
Element (hyd reservoir return)			03317083
Filter Element (hyd reservoir vent)			03319602
Filter Element, (Hyd. Pressure Filter)			03046526
Filter End Cap (air dryer)		03043578	
Filter Vent (torque converter)			01927930
Breather (transmission)		01371253	
Breather (transfer case)		02315024	
Breather (swingbox)			02312187

GMK 6300-ROB		Grove	
Fluids and Lubricants (Cummins Engine)			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
*	*	03315060	CORROSION PROTECTION GREASE / GEAR OIL (ELECTRICAL)(DOW 111 COM)(P/N 8001000056)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300010	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829101560	549337	9999300186	ENGINE OIL SAE 5W-40 (CI-4)(API SL)(DELVAC 1 (SYNTHETIC))(MOBIL)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	01930670	HYDRAULIC OIL - ATF 66 M AVIA FLUID
6829104467	*	9999300308	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300310	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829104467	*	9999300309	HYDRAULIC OIL (MOBIL DTE 10 EXCEL 32)(GMK APPLICATION)
6829012858	*	9999300200	LIQUID COOLANT CONDITIONER (PENCOOL 3000 ADDITIVE)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
*	*	02314698	SLIDING PASTE - BERULUB PAL - 1
6829014058	549515	9999300238	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
*	*	02310863	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)
*	*	02312890	SYNTHETIC GEAR OIL (RIVOLTA S.K.D. 170)(SUSPENSION CYL)

GMK 6300-ROB		Cummins N14-525E+ (Carrier)	Cummins 6CTA8.3-198 (S/S)
Service Kits (Cummins Engine)			
<i>Use Below Kits w/ GMK6300-C-ROB V0 – V3; S/N 6300-9001 & Newer</i>			
250 Hr Engine		9999102145	9999102145
500 Hr Engine		9999102153	9999102061
1000 Hr Full w/o A/C		9999103553	9999102062
1000 Hr Full w/ A/C			9999102063
2000 Hr Full w/o A/C		9999103555	9999103594
2000 Hr Full w/ A/C			9999103595

GMK 6300-ROB		Cummins N14-525E+ (Carrier)	Cummins 6CTA8.3-198 (S/S)
Kit Components			
Engine Oil Filter		A104130	A104130
Fuel Filter Element			9414100789
Fuel Filter Element			9414101066
Fuel Filter (fuel/water separator)		7437000747	
Fuel Filter (fuel tank)		02316997	
Fuel Filter (fuel tank)		03041008	
Filter Element (engine coolant)			03045682
V-Belt, Drive (alternator)		02317272	9414101354
V-Belt, Drive (A/C Compressor)			03321185
Element (Air cleaner)(Primary)		02255056	9304990010
Element (Air cleaner)(Safety)		02255055	01571418
Filter (transmission)		02212647	
Filter (transmission)		02217088	
Filter, Filler (Hyd tank)			01203369
Element (Hyd. Return Filter)		02316289	03325700
Element (hyd reservoir return)			03317083
Filter Element (hyd reservoir vent)			03319602
Filter Element, (Hyd. Pressure Filter)			03046526
Filter End Cap (air dryer)		03043578	
Filter Vent (torque converter)			01927930
Breather (transmission)		01371253	
Breather (transfer case)		02315024	
Breather (swingbox)			02312187

Manitowoc Fluids and Service Kits

111		Manitowoc	
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

111		Manitowoc
Cummins C8.3-C230		
Service Kits		
Hydraulic		A113060
200 Hour		A114860
1000 Hour		A114870
2000 Hour		A114880
Kit Components		
Compressor Belt		A110380
Engine Water Filter		4267310
Fan Belt		A110390
Fuel Filter Primary		4133920
Fuel Filter Secondary		4133930
Fuel Water Separator		4136230

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Cummins C8.3-C230

Service Kits

Air Filter Primary		A110330
Air Filter Secondary		A110340
Filter Element		4267276
Breather Element		9106362
Spin on Hydraulic		9701502
Spin on Hydraulic		4270670
Engine Oil Filter		A104130

222**Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

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Cummins C8.3-C230

Caterpillar 3116

Service Kits

Hydraulic		4999730	4999731
200 Hour		4999700	
1000 Hour		4999710	
2000 Hour		4999720	

Kit Components

Compressor Belt		A110380	
Engine Water Filter		4267310	
Fan Belt		A110390	
Fuel Filter Primary		4133920	
Fuel Filter Secondary		4133930	
Fuel Water Separator		4136230	
Air Filter Primary		A110330	
Air Filter Secondary		A110340	
Filter Element		4267276	
Breather Element		9106362	
Spin on Hydraulic		9701502	9701502
Hydraulic Oil Filter		4272830	4272830
Filter Element kit			4267276
Engine Oil Filter		A104130	

555**Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

Service Kits

Hydraulic	A113100	A114840	A148480
200 Hour	4953040	4952580	A160790
1000 Hour	4953050	4953020	A160800
2000 Hour	4953060	4953030	A160810
Kit Components			
Freon Compressor Belt		4136510	4136510
Fuel Separator		4136520	A137240
Oil Filter	4132020	A104130	A137270
Water Filter	A026770	4136240	A129710
Hydraulic Filter	A006520	A006520	A006520
Air Filter (Primary)	A010520	A010520	A126750
Air Filter (Safety)			A126760
Fan Belt	A026670	A018470	A018470
Breather Element	A060210	A060210	A060210
Fuel Filter Primary	A026650		
Fuel Filter Secondary	A026660		A137250
Water Pump Belt	A026680		

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

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Cummins 6CTA8.3-C260 Cummins MTA11-C330 Cummins QSC8.3-C340 CAT C3176C-335

Service Kits

Hydraulic	4951380	A113110	A113120	A113130
200 Hour	4999970	4951740	4951980	4951500
1000 Hour	4999980	4951750	4951990	4951510
2000 Hour	4999990	4951760	4952020	4951520

Kit Components

Air Cleaner	3470660	3470660	3470660	3470660
Alternator & Fan Belt			4136500	
Compressor Belt		9074220003	4136510	
Fuel Separator	4136230	4136230	4136520	
Fuel Separator	4136270			
Oil Filter	4133940	A104130	A104130	4132020
Water Filter	4133600	4136240	4136240	4136350
Hydraulic Filter	4272820	4272820	4272820	4272820
Hydraulic Filter	4272830	4272830	4272830	4272830
Hydraulic Filter	4272920	4272920	4272920	4272920
Breather Element	A060210	A060210	A060210	A060210
Alternator Belt		4136210		
Fan Belt	4133910	4136220		4136400
Lower Coolant Hose				4136390
Fuel Filter Primary				4136370
Fuel Filter Secondary				4136360

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Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

888

Cummins MTA11-C330

Service Kits

Hydraulic	4951370
200 Hour	4999930
1000 Hour	4999950
2000 Hour	4999960

Kit Components

Air Filter Element	4134010
Oil Filter	A104130
Alternator Belt	4136210
Fan Belt	4136220
Compressor Belt	9074220005
Fuel Water Separator	4136230
Water Filter	4136240
Hydraulic Filter	4272820
Hydraulic Filter	4272830

999**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

999**Manitowoc**

CAT	Cummins	Cummins	Cummins
3176C-390	QSM11-375	QSM400 Tier III	QSL9-C380 Tier IV

Service Kits

Hydraulic	4951360	A113140	A126900	A126900
200 Hour	4951170	4951910	A126910	
500 Hour				90020923
1000 Hour	4951180	4951920	A126930	90022730
2000 Hour	4951190	4951930	A126940	90022731

Kit Components

Air Cleaner (primary)	3470660	3470660	A126750	90019453
Air Cleaner (safety)			A126760	
Air Filter Element (crankcase breather)				810206810
Alternator Belt		4136450	A107920	81019205
Fan Belt	4136380	4136460		
Fuel Filter Primary	4136370	4136470	4136470	9414101769
Fuel Filter Secondary	4136360			9414101770
Oil Filter	4132020	4136480	4136480	A104130
Water Filter	4136350	4136490	4136490	4136240
Hydraulic Filter	4272820	4272820	4272820	4272820
Hydraulic Filter	4272830	4272830	4272830	4272830
Element Filter	A060210	A060210	A060210	A060210
Lower Coolant Hose	4136390			
Hose (Between engine and remote oil filter)		9543200002		
Hose (Between engine and remote oil filter)		9543200003		

1015**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

1015

Cummins QSX15-C600

Service Kits

Hydraulic	A060220
200 Hour	A115010
1000 Hour	A060240
2000 Hour	A060250

Kit Components

Hydraulic Filter Element	A006520
Fan Belt	A047910
Alternator Belt	A047920
Fuel Filter	A047930
Water Filter	A047940
Oil Filter	A047950
Air Cleaner Filter	A060160
Air Cleaner Filter	A060170
Ether (Bottle)	A060190
Sensor Coolant	A060200
Element Filter	A060210
Filter, Fuel Strainer	9414220083
Ether Bottle	A105900

2250

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A18803	*	9999300287	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A18803	*	9999300288	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300286	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300285	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

2250

Service Kits

Hydraulic	A113190	A113170	A113180	4951390	4951390	4951390
200 Hour	4952030	4951200	4951600	A068870	A068872	90021224
1000 Hour	4952040	4951210	4951610	A068880	A068882	90021225
2000 Hour	4952050	4951220	4951620	A068890	A068892	90021226

Kit Components

Air Cleaner Element	3470660	3470376	3470376	3470376	3470376	81017744
Hydraulic Filter Element	4272640	4272640	4272640	4272640	4272640	4272640
Alternator Belt	4126100	4136080	4136080	A168920	A047920	A047920
Compressor Drive Belt		A118690		A118690		
Fuel Filter Primary	4132130	4133580		A047930	A146860	
Fuel Filter Secondary	4136360					

Fuel Filter Element						A197690
Fuel Filter						81017833
Water Filter	4136350	4136120	4136120	A047940	A047940	A047940
Oil Filter	4132020	A104130	A104130	A047950	A047950	A047950
Water Pump Belt		4133730	4133730	A050810	A050810	81017831
Ether Cylinder				A050820		
Element Filter	A060210		A060210	A060210		
Fuel Water Separator			4136230			
V-ribbed Belt (crane w/ heater)					81001876	

5500

Manitowoc

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
*	*	9999300235	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

5500

Manitowoc

Mitsubishi 6D16-TLE2A

Service Kits

Hydraulic		A110820
200 Hour		A110830
1000 Hour		A110840
2000 Hour		A110850

Kit Components

Air Element		9999406298
Hydraulic Return Filter		9999421214
Drain Filter Cartridge		9999421287
O-ring		9999422630
Compressor Belt		9999423975
O-ring		9999424418
O-ring		9999424419
Hydraulic Suction Filter		9999405365
Hydraulic Line Filter		9999425024
Fuel Filter		9999425047
Engine Oil Element		9999425048
Fan Belt		MCMH014497

8000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
*	*	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300235	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

8000**Manitowoc****Service Kits**

Hydraulic Filter	A110860		
250 Hour	A110870	A170850	90020776
500 Hour		A170860	90020777
1000 Hour	A110880	A170870	90020779
2000 Hour	A110890	A170930	90020783

Kit Components

Air Filter Element	9999406298	9999429140	9999429140
Hydraulic Suction Filter	9999407267	9999407267	9999407267
Hydraulic Return Filter	9999421283		
Hydraulic Return Filter Repair kit		9999432131	9999432131
Drain Filter Cartridge	9999421287	9999421287	9999421287
Brake Cooling Line Filter	9999421443	9999421443	9999421443
O-ring	9999422630	9999422630	9999422630
Hydraulic Line Filter	9999424323	9999424323	9999424323
O-ring	9999424419	9999424419	9999424419
Fuel Filter	9999425047	9999428888	9999433599
Fuel Filter, Engine Pre-filter			9999429896
Engine Oil Element	9999425048	9999428869	9999428869
Fan Belt	MCMH014497		
Compressor Belt	9999426828		

8500 / 8500E**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

8500 / 8500E**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300235	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

8500/ 8500E**Manitowoc****Service Kits**

Hydraulic	A110860		
200 Hour	A110870		
250 Hour			90020776
500 Hour			90020777
1000 Hour	A110880		90020779
2000 Hour	A110890		90020783

Use W/ 8500/8500E; S/N 8501018 & Newer

250 Hour	A170850		
500 Hour	A170860		
1000 Hour	A170870		
2000 Hour	A170930		

Kit Components

Air Element	9999406298	9999429140	9999429140
Hydraulic Suction Filter	9999407267	9999407267	9999407267
Hydraulic Return Filter	9999421283		
Hydraulic Return Filter Repair kit		9999432131	9999432131
Drain Filter Cartridge	9999421287	9999421287	9999421287
Brake Cooling Line Filter	9999421443	9999421443	9999421443
O-ring	9999422630	9999422630	9999422630
Hydraulic Line Filter	9999424323	9999424323	9999424323
O-ring	9999424419	9999424419	9999424419
Fuel Filter	9999425047	9999428888	9999433599
Fuel Pre-filter			9999429896
Engine Oil Element	9999425048	9999428869	9999428869
Fan Belt	MCMH014497		
Compressor Belt	9999426828		

10000 / 10000E**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

10000 / 10000E**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
*	*	9999300235	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

10000 / 10000E**Manitowoc****Service Kits**

Hydraulic	A110900		
200 Hour	A110910		
250 Hour			A170940
500 Hour			A170960
1000 Hour	A110920		A170970
2000 Hour	A110930		A170990

Use W/ 10000/10000E; S/N 10001038 & Newer

250 Hour	A170940	
500 Hour	A170960	
1000 Hour	A170970	
2000 Hour	A170990	

Kit Components

Air Element	9999426829	9999427790	9999429140
Hydraulic Suction Filter	9999407267	9999407267	9999407267
Hydraulic Return Filter	9999421283		
Hydraulic Return Filter Repair kit		9999432131	9999432131
Drain Filter Cartridge	9999421287	9999421287	9999421287
Brake Cooling Line Filter	9999421443	9999421443	9999421443
O-ring	9999422630	9999422630	9999422630
Hydraulic Line Filter	9999424323	9999424323	9999424323
O-ring	9999424419	9999424419	9999424419
Fuel Filter	MCME150631C	9999428889	9999433599
Fuel Pre-filter			9999429896
Engine Oil Element	9999421281	9999428868	9999428869
Engine Oil Filter-Bypass		9999428870	
Fan Belt	MCME902959		
Compressor Belt	9999421176		
Water Pump Belt	MCME900719		

11000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
*	*	9999300235	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

11000**Manitowoc****Service Kits**

Hydraulic Filter	A112050		
200 Hour	A112060		
250 Hour		A171000	90020776
500 Hour		A171010	90020777
1000 Hour	A112070	A171020	90020779
2000 Hour	A112080	A171030	90020783

Kit Components

Air Filter Element	9999427790	9999427790	9999429140
Hydraulic Suction Filter	9999407267	9999429142	9999407267
Hydraulic Return Filter	9999421283	9999429141	
Hydraulic Return Filter Repair kit			9999432131
Drain Filter Cartridge	9999421287	9999421287	9999421287
Brake Cooling Line Filter	9999421443	9999421443	9999421443
O-ring	9999422630	9999422630	9999422630
Hydraulic Line Filter	9999424323	9999424323	9999424323
O-ring	9999424419	9999424419	9999424419
Fuel Filter	MCME150631C	9999428889	9999433599
Fuel Pre-filter			9999429896
Engine Oil Element	9999421281	9999428868	9999428869
Water pump Belt	MCME900719		
Fan V-Belt	MCME902959		
Compressor Belt	MCME900749		
Engine Oil Filter By-Pass		9999428870	
O-ring	9999426457		

12000 / 12000E**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)

12000 / 12000E**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
*	*	9999300235	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300210	ENGINE OIL SAE 10W30 (API CI-4)(SUPERFLOW)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

12000/12000E**Manitowoc****Service Kits**

Hydraulic Filter	A112050		
200 Hour	A112060		
250 Hour		A171000	90020776
500 Hour		A171010	90020777
1000 Hour	A112070	A171020	90020779
2000 Hour	A112080	A171030	90020783

Kit Components

Air Filter Element	9999427790	9999427790	9999429140
Hydraulic Suction Filter	9999407267	9999429142	9999407267
Hydraulic Return Filter	9999421283	9999429141	
Hydraulic Return Filter Repair kit			9999432131
Drain Filter Cartridge	9999421287	9999421287	9999421287
Brake Cooling Line Filter	9999421443	9999421443	9999421443
O-ring	9999422630	9999422630	9999422630
Hydraulic Line Filter	9999424323	9999424323	9999424323
O-ring	9999424419	9999424419	9999424419
Fuel Filter	MCME150631C	9999428889	9999433599
Fuel Pre-filter			9999429896
Engine Oil Element	9999421281	9999428868	9999428869
Water pump Belt	MCME900719		
Fan V-Belt	MCME902959		
Compressor Belt	MCME900749		
Engine Oil Filter By-Pass		9999428870	
O-ring	9999426457		

14000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE

14000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A18803	*	9999300288	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A18803	*	9999300287	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300285	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300286	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

14000**Manitowoc**Cummins
QSL 8.9LCummins
QSL9-C340 Tier IIICummins
QSL9-C340 Tier IV**Service Kits**

Hydraulic	A179240	A179240	A179240
200 Hour	9576220104	9576220104	
500 Hour			90020923
1000 Hour	9576220105	90020920	90020924
2000 Hour	9576220106	90020921	90020925

Kit Components

Hydraulic Filter Element	A179240	A179240	A179240
Hydraulic Tank Breather	A166890		
Fan & Alternator Belt			810127010
Water Pump Belt	90015914	90015914	
Refrigerant Compressor Belt	A186270	A186270	A186270
Fuel Filter	A137250	A137250	
Fuel water separator Filter	A137240	A137240	
Fuel Filter (primary)			9414101769
Fuel Filter (secondary)			9414101770
Engine Coolant Filter	A129710	A129710	4136240
Engine Oil Filter	A104130	A104130	A104130
Air Filter Element (crankcase breather)			810206810
Air Cleaner Filter (Primary)	A126750	90019453	90019453
Air Cleaner Filter (Safety)	A126760	90019454	90019454
Cab Filter	7437000840		

15000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE

15000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A18803	*	9999300288	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A18803	*	9999300287	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300285	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300286	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

15000**Manitowoc**

Cummins QSM400 Tier III

Mercedes OM 457 LA

Service Kits

Hydraulic		A126900	4951360
200 Hour		A126910	90000679
1000 Hour		A126930	90000680
2000 Hour		A126940	90000681

Kit Components

Hydraulic Filter Element	4272820	4272820
Hydraulic Filter Element	4272830	4272830
Breather Filter	A060210	A060210
Fan & Alternator Belt	A107920	03329261
Refrigerant Compressor Belt		03329260
Fuel Filter		03325946
Fuel Filter (primary)	4136470	03320643
Engine Coolant Filter	4136490	
Engine Oil Filter	4136480	03325945
Air Cleaner Filter (Primary)	A126750	03320719
Air Cleaner Filter (Safety)	A126760	

16000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)

16000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

16000**Manitowoc****Service Kits**

	Cummins QSX15-C500 Tier II	Cummins QSX15-C500 Tier III	Cummins QSX15-C500 Tier IV
Hydraulic (use w/ Hyd Reservoir A10770 Rev F & older)	A129730		
Hydraulic (use w/ Hyd Reservoir A10770 Rev G & later)		9576220110	9576220110
200 Hour	A129740	9576220111	
500 Hour			90021851
1000 Hour	A129750		90021852
1000 Hour (use w/ Hyd Reservoir A10770 Rev F & older)		9576220112	
1000 Hour (use w/ Hyd Reservoir A10770 Rev G & later)		9576220113	
2000 Hour	A129760		90021853
2000 Hour (use w/ Hyd Reservoir A10770 Rev F & older)		9576220114	
2000 Hour (use w/ Hyd Reservoir A10770 Rev G & later)		9576220115	

Kit Components

Air Cleaner Primary	A060160	A060160	81017744
Air Cleaner Safety	A060170	A060170	
Water Pump Belt	A050810	A050810	A050810
Refrigerant Compressor Belt	81001371	A142830	90021850
Fuel Filter	A047930	A146860	A197690
Engine Oil Filter	A047950	A047950	A047950
Crankcase Breather Element			81019757
Engine Coolant Filter	A129710	A129710	9414101674
Sensor Coolant	A060200	A060200	
Hydraulic Filter (use w/ A10770 Rev F & older)	A006520	A006520	
Hydraulic Tank Breather Filter	A166890	A166890	
Breather Filter	A060210	A060210	
Ether Bottle	A105900	A105900	
Hydraulic Filter (use w/ A10770 Rev G & later)		A179240	A179240

18000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A18803	*	9999300288	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A18803	*	9999300287	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300285	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)

18000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
A19137	*	9999300286	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

18000**Manitowoc**Cummins
QSX15-C600Cummins
QSX15 Tier IICummins
QSX15 Tier III**Service Kits**

Hydraulic	A068930	A068930	A068930
200 Hour	A060230	A060230	A060231
1000 Hour	A068910	A068910	A068912
2000 Hour	A068920	A068920	A068922

Kit Components

Hydraulic Filter Element	A179240	A179240	A179240
Fan Belt	A047910	A047910	90019521
Alternator Belt	A168920	A168920	A168920
Fuel Filter	A047930	A047930	A146860
Engine Coolant Filter	A047940	A047940	A047940
Sensor Coolant	A060200	A060200	A060200
Engine Oil Filter	A047950	A047950	A047950
Air Cleaner Filter (Primary)	A060160	A060160	A060160
Air Cleaner Filter (Safety)	A060170	A060170	A060170

21000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

21000**Manitowoc**

Cummins QSK19-C600

Service Kits

Hydraulic	4951630
200 Hour	4951640
1000 Hour	4951650
2000 Hour	4951660

Kit Components

Spin on Hydraulic Filter Element	4272820
Hydraulic Filter Element	4272830
Fan Belt	4136320

Alternator Belt		4136310
Belt Set (air conditioner)		9074220001
Fuel Water Separator Filter		4136330
Engine Coolant Filter		4136340
Engine Oil Filter		A104130
Air Cleaner Filter		3470716

222HD

Manitowoc

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

222HD

Manitowoc

Cummins MTA11-C330

Service Kits

Hydraulic		A113080
200 Hour		4950610
1000 Hour		4950620
2000 Hour		4950630

Kit Components

Spin on Hydraulic Filter Element		4270670
Spin on Hydraulic Filter Element		9701502
Hydraulic Filter Element		4267276
Fan Belt		4136220
Alternator Belt		4136210
Fuel Water Separator Filter		4136230
Engine Coolant Filter		4136240
Engine Oil Filter		A104130
Air Cleaner Filter		4134010
Breather Filter		9106362

222WC

Manitowoc

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)

222WC**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

222WC**Manitowoc**

Cummins C8.3-C230

Service Kits

Hydraulic	4999731
200 Hour	4999701
1000 Hour	4999711
2000 Hour	4999721

Kit Components

Spin on Hydraulic Filter Element	4272830
Spin on Hydraulic Filter Element	9701502
Hydraulic Filter Element	4267276
Fan Belt	A110390
Compressor Belt	A110380
Fuel Filter (Primary)	4133920
Fuel Filter (Secondary)	4133930
Fuel Water Separator Filter	4136230
Engine Coolant Filter	4267310
Engine Oil Filter	A104130
Air Cleaner Filter (Primary)	A110330
Air Cleaner Filter (Safety)	A110340
Breather Filter	9106362

31000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
*	*	9999300206	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300205	GEAR LUBE (GEAR OIL 80W-90 LS)
*	*	9999300215	GEAR LUBE (GEAR OIL 80W-90 LS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A18803	*	9999300288	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A18803	*	9999300287	GREASE (MOBILGREASE XHP320 MINE)(LOW TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300285	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19137	*	9999300286	GREASE (MOBILGREASE XHP321 MINE)(HIGH TEMP)(AUTO LUBE SYS MANITOWOC)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)

31000**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

31000**Manitowoc**

Cummins QSS15-C600

Cummins QSX15-C600 Tier III

Service Kits

Hydraulic	90013523	90013523
200 Hour	90013524	90013524
1000 Hour	90013525	90013525
2000 Hour	90013526	90013526

Kit Components

Hydraulic Filter Element	A179240	A179240
Hydraulic Breather Filter	A166890	A166890
Fan Belt	810040090	810040090
Alternator Belt	A129720	A129720
Fuel Filter	A146860	A146860
Engine Coolant Conditioner Filter	A047940	A047940
Engine Coolant Filter	9414101674	9414101674
Engine Oil Filter	A047950	A047950
Air Cleaner Filter (Primary)	A060160	A060160

777T**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829003483	*	9999300211	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300007	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300009	ENGINE OIL SAE 15W40 (API CI-4)
6829003483	*	9999300008	ENGINE OIL SAE 15W40 (API CI-4)
6829104182	*	9999300254	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300256	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300257	ENGINE OIL SAE 15W40 (API CJ-4)
6829104182	*	9999300255	ENGINE OIL SAE 15W40 (API CJ-4)
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
*	*	9999300187	GEAR LUBE / HYDRAULIC TRANSMISSION FLUID (MOBILTRAN HD50)(SAE GRD 50)
*	*	9999300185	GEAR LUBE / HYDRAULIC TRANSMISSION FLUID (MOBILTRAN HD50)(SAE GRD 50)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
*	*	9999300208	HYDRAULIC OIL / HYDRAULIC TRANSMISSION FLUID (MOBILTRAN HD30)

777T**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300207	HYDRAULIC OIL / HYDRAULIC TRANSMISSION FLUID (MOBILTRAN HD30)
6829013433	*	9999300261	SYNTHETIC GEAR LUBE (MOBIL DELVAC SYN TRANS FLUID 50)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829101690	*	9999101977	TRANSYND AUTOMATIC TRANSMISSION FLUID
6829101690	*	9999101976	TRANSYND AUTOMATIC TRANSMISSION FLUID

777T**Manitowoc**

Detroit Diesel Series 60

Service Kits (CARRIER)

Hydraulic	4951530
200 Hour	4951540
1000 Hour	4951550
2000 Hour	4951560

Kit Components

Hydraulic Filter Element	4272820
Fan Belt	4136410
Alternator Belt	4136420
Fuel Filter	4136430
Engine Oil Filter	4136440
Air Cleaner Filter	3470660

888 RINGER**Manitowoc****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

888 RINGER**Manitowoc**

Cummins MTA11-C330

Service Kits

Hydraulic	A115020
200 Hour	4951670
1000 Hour	4951680
2000 Hour	4951690

Kit Components

Hydraulic Filter Element	4272820
Hydraulic Filter Element	4272830
Fan Belt	4136220
Alternator Belt	4136210
Fuel Filter (Primary)	4133920
Fuel Water Separator Filter	4136230
Engine Oil Filter	A104130

Air Cleaner Filter		4134010
Engine Coolant Filter		4133600
Engine Water Filter		4136240

M1200 RINGER

Manitowoc

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
*	*	9999300173	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300172	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
*	*	9999300226	EXTREME PRESS. MULTI-PURP GEAR LUBE (GEAR OIL 85W-140 CON.)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

M1200 RINGER

Manitowoc

Caterpillar 3406B-DITA

Service Kits

Hydraulic	4951730
200 Hour	4951700
1000 Hour	4951710
2000 Hour	4951720

Kit Components

Hydraulic Filter Element	4272720
Alternator Belt	4126100
Fuel Filter (Primary)	4132040
Engine Oil Filter	4132020
Air Cleaner Filter	3470376
Engine Water Filter	4126260

M250

Manitowoc

Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829006240	A13890	9999300178	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829006240	A13890	9999300179	GEAR LUBE (GEAR OIL 80W-140 SYN)
6829003479	*	9999300011	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300012	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
6829003479	*	9999300216	GEAR LUBE 80W90 GL-5 (MOBIL HD PLUS)
471178	471145	9999300222	GREASE (375 NC USED IN MANITOWOC LATTICE)
A19138	*	9999300283	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300284	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
A19138	*	9999300282	GREASE (MOBILGREASE XHP322 MINE)(USED IN MANITOWOC LATTICE)
6829014058	549515	9999300177	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)
6829014058	549515	9999300176	SYNTHETIC GEAR LUBRICANT (MOBILUBE SHC 75W-90)(SYNTHETIC)

M250

Cummins NTA855-450 Big Cam 111

Cummins N14-C450

Caterpillar 3406B-DITA

Service Kits**Hydraulic****200 Hour****1000 Hour****2000 Hour**

A115030

A113150

A113160

4951800

A115040

4951770

4951810

A115050

4951780

4951820

A115060

4951790

Kit Components

Air Cleaner Element

3470376

3470376

3470660

Hydraulic Filter Element

4272640

4272640

4272640

Alternator Belt

4136080

4136080

4126100

Fuel Filter Primary

4136090

4133580

4132040

Water Filter

4136120

4136120

4126260

Oil Filter

A104130

A104130

4132020

Water Pump Belt

4133730

4133730

National Fluids and Service Kits**1100****National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

1100**National**

Telescoping Boom Crane

Service Kits (Crane Only)

Use Below Kits w/ Reservoir P/N 935165, 7880100082

1000 Hr Full	9999102840
2000 Hr Full	9999102302

Use Below Kits w/ Reservoir P/N 7880100080

1000 Hr Full	9999102840
2000 Hr Full	9999102347

Use Below Kits w/ Reservoir P/N 80000602

1000 Hr Full	9999102840
2000 Hr Full	9999102841

Use Below Kits w/ Reservoir P/N 80013348

1000 Hr Full	9999102840
2000 Hr Full	9999103176

Kit Components

Element (Hyd. Return Filter)	907088
Breather (Hyd Reservoir) (use w/P/N 935165 or 7880100082)	935136
Breather (Hyd Reservoir) (use w/P/N 7880100080)	935146
Breather (Hyd Reservoir) (use w/P/N 80000602)	9880100236
Breather (Hyd Reservoir) (use w/P/N 80013348)	80013562

1300**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

1300**National**

Telescoping Boom Crane

Service Kits (Crane Only)

Use Below Kits w/ Reservoir P/N 935144 or 7880100080	
1000 or 2000 Hr Full	9999102303

Kit Components

Element (Hyd. Return Filter)	907088

1300A**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

1300A**National**

Telescoping Boom Crane

Service Kits (Crane Only)

1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102846
2000 Hr Full w/o A/C	9999102306
2000 Hr Full w/ A/C	9999102307

Kit Components

Element (Hyd. Return Filter)	7437100250
Filter air return(A/C Evaporator)	9515103013
Cartridge assy filter (Manifold vlv)	9926110629

1300A-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

1300A-1**National**

Telescoping Boom Crane

Service Kits (Crane Only)

Use Below Kits w/ Reservoir P/N 7880100095	
1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102846
2000 Hr Full w/o A/C	9999102306
2000 Hr Full w/ A/C	9999102307

Kit Components

Element (Hyd. Return Filter)	7437100250
Filter air return(A/C Evaporator)	9515103013
Cartridge assy filter (Manifold vlv)	9926110629

1300H**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829015304	*	*	EXTREME PRESSURE 3% MOLY GREASE
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829005828	*	*	LOW TEMPERATURE GREASE
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

1300H	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 7880100079, 7880100095	
1000 Hr Full	9999102886
2000 Hr Full	9999102845
Use Below Kits w/ Reservoir P/N 80014057, 80014058	
1000 Hr Full	9999102886
2000 Hr Full	9999103181
Kit Components	
Element (Hyd. Return Filter)	907088
Cartridge assy filter (Manifold vlv)	9926110629
Cap / Breather (Hyd reservoir)	9880100236
Breather (Hyd Reservoir)	80013562

1400	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829015236	*	9999300060	WIRE ROPE LUBE

1400	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 935185, 7880100085 Rev F & older	
1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102310
2000 Hr Full w/ A/C	9999102311
Kit Components	
Element (Hyd. Return Filter)	7437100250
V-belt (A/C Compressor)	962012
Breather (Hyd reservoir)	884009

1400A	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)

1400A**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829015236	*	9999300060	WIRE ROPE LUBE

1400A**National****Service Kits (Crane Only)**

Use Below Kits w/ Reservoir P/N 7880100085	
1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102846
2000 Hr Full w/o A/C	9999103182
2000 Hr Full w/ A/C	9999103183

Use Below Kits w/ Reservoir P/N 80014995	
1000 Hr Full w/o A/C	9999103177
1000 Hr Full w/ A/C	9999103184
2000 Hr Full w/o A/C	9999103185
2000 Hr Full w/ A/C	9999103186

Kit Components

Element (Hyd. Return Filter)	7437100250
Filter air return(A/C Evaporator)	9515103013
Breather (Hyd reservoir)	9880100236
In-line Filter (Hyd Control)	7437100233
Element (Hyd. Return filter)	9437100825
Breather (Hyd Reservoir)	80013562

1400A-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829100213	*	9999300062	EXTREME PRESSURE GEAR LUBE (MOBILGEAR 629, EP4)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829015236	*	9999300060	WIRE ROPE LUBE

1400A-1**National****Service Kits (Crane Only)**

Use Below Kits w/ Reservoir P/N 80014995	
1000 Hr Full w/o A/C	9999103177
1000 Hr Full w/ A/C	9999103184
2000 Hr Full w/o A/C	9999103185
2000 Hr Full w/ A/C	9999103186

Kit Components

Element (Hyd. Return filter)	9437100825
Filter air return(A/C Evaporator)	9515103013
Breather (Hyd Reservoir)	80013562
In-line Filter (Hyd Control)	7437100233

1400H**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

1400H**National****Service Kits (Crane Only)**

Use Below Kits w/ Reservoir P/N 935171, 7880100079	
1000 Hr Full	9999102886
2000 Hr Full	9999102315
Use Below Kits w/ Reservoir P/N 80000519	
1000 Hr Full	9999102886
2000 Hr Full	9999103207
Use Below Kits w/ Reservoir P/N 80014057, 80014058	
1000 Hr Full	9999102886
2000 Hr Full	9999103189
Kit Components	
Element (Hyd. Return Filter)	907088
Breather (Hyd reservoir)	935146
Cap / Breather (Hyd reservoir)	9880100236
Breather (Hyd Reservoir)	80013562

1400H-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

National**1400H-1**

Telescoping Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 80014058**

1000 Hr Full	9999102886
2000 Hr Full	9999103189

Kit Components

Element (Hyd. Return Filter)	907088
Cap / Breather (Hyd reservoir)	9880100236

1500**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829015236	*	9999300060	WIRE ROPE LUBE

1500**National****Service Kits (Crane Only)****Use Below Kits w/ Reservoir P/N 935185**

1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102318
2000 Hr Full w/ A/C	9999102319

Use Below Kits w/ Reservoir P/N 7880100085 Rev F and Earlier

1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102320
2000 Hr Full w/ A/C	9999102321

Use Below Kits w/ Reservoir P/N 7880100085 Rev G and Later

1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102851
2000 Hr Full w/ A/C	9999102852

Kit Components

Element (Hyd. Return Filter)	7437100250
V-belt (A/C Compressor)	962012
Breather (Hyd reservoir)	935177
In-line filter (Hyd cont. supply)	9437100754
Breather (Hyd reservoir)(use w/ P/N 7880100085 Rev F & earlier)	884009
Breather (Hyd reservoir)(use w/ P/N 7880100085 Rev G & later)	9880100236

1800**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829013460	*	6829013460	A/C R134a REFRIGERANT
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829013436	*	7604000513	SELTEC OIL - ZXL 100 PAG OIL (A/C COMPRESSOR)
6829015236	*	9999300060	WIRE ROPE LUBE

1800**National****Service Kits (Crane Only)**

Use Below Kits w/ Reservoir P/N 935185	
1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102318
2000 Hr Full w/ A/C	9999102319
Use Below Kits w/ Reservoir P/N 7880100085 Rev F and Earlier	
1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102320
2000 Hr Full w/ A/C	9999102321
Use Below Kits w/ Reservoir P/N 7880100085 Rev G and Later	
1000 Hr Full w/o A/C	9999102842
1000 Hr Full w/ A/C	9999102309
2000 Hr Full w/o A/C	9999102851
2000 Hr Full w/ A/C	9999102852
Kit Components	
Element (Hyd. Return Filter)	7437100250
V-belt (A/C Compressor)	962012
Breather (Hyd reservoir)	935177
In-line filter (Hyd cont. supply)	9437100754
Breather (Hyd reservoir)(use w/ P/N 7880100085 Rev F & earlier)	884009
Breather (Hyd reservoir)(use w/ P/N 7880100085 Rev G & later)	9880100236

300C**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

National**300C**

Telescoping Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 935167**

1000 Hr Full	9999102328
2000 Hr Full	9999102329

Use Below Kits w/ Reservoir P/N 7880100081, 80000765

1000 Hr Full	9999102328
2000 Hr Full	9999102330

Use Below Kits w/ Reservoir P/N 80022461

1000 Hr Full	9999102328
2000 Hr Full	9999103175

Kit Components

Element (Hyd. Return Filter)	907137
Breather (Hyd reservoir) (use w/ P/N 935167)	935168
Breather (Hyd reservoir) (use w/ P/N 7880100081, 80000765)	9880100236
Breather (Hyd reservoir) (use w/ P/N 80022461)	90013956

400B**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

400B**National****Service Kits (Crane Only)****Use Below Kits w/ Reservoir P/N 935167**

1000 Hr Full	9999102328
2000 Hr Full	9999102329

Use Below Kits w/ Reservoir P/N 7880100081, 80000765

1000 Hr Full	9999102328
2000 Hr Full	9999102330

Use Below Kits w/ Reservoir P/N 80022461

1000 Hr Full	9999102328
2000 Hr Full	9999103175

Kit Components

Element (Hyd. Return Filter)	907137
Breather (Hyd reservoir) (use w/ P/N 935167)	935168
Breather (Hyd reservoir) (use w/ P/N 7880100081, 80000765)	9880100236
Breather (Hyd reservoir) (use w/ P/N 80022461)	90013956

400B-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

400B-1**National**

Telescoping Boom Crane

Service Kits (Crane Only)*Use Below Kits w/ Reservoir P/N 80022461*

1000 Hr Full	9999102328
2000 Hr Full	9999103175

Kit Components

Element (Hyd. Return Filter)	907137
Breather (Hyd reservoir) (use w/ P/N 80022461)	90013956

500E**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

500E**National**

Telescoping Boom Crane

Service Kits (Crane Only)*Use Below Kits w/ Reservoir P/N 935187*

1000 Hr Full w/Filter Head P/N 907096	9999102840
2000 Hr Full w/Filter Head P/N 907096	9999102335
1000 Hr Full w/ Filter Head P/N 907153	9999102336
2000 Hr Full w/ Filter Head P/N 907153	9999102337

Use Below Kits w/ Reservoir P/N 935194

1000 Hr Full w/ Filter Head P/N 907153	9999102336
2000 Hr Full w/ Filter Head P/N 907153	9999102339

500E	National
	Telescoping Boom Crane
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 907096 & 935187)	907088
Breather (Hyd reservoir) (use w/ P/N 935187)	935190
Element (Hyd. Return Filter) (use w/ P/N 907153 & 935187 or 935194)	9437100882
Breather (Hyd reservoir) (use w/ P/N 935194)	9880100236

500E2	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

500E2	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
	Use Below Kits w/ Reservoir P/N 7880100082 or 80000602
1000 Hr Full	9999102840
2000 Hr Full	9999102841
	Use Below Kits w/ Reservoir P/N 80013348
1000 Hr Full	9999102840
2000 Hr Full	9999103176
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 7880100082, 80000602, 80013348)	907088
Breather (Hyd reservoir) (use w/ P/N 7880100082 or 80000602)	9880100236
Breather (Hyd Reservoir)(use w/ P/N 80013348)	80013562

500E2-1	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

500E2-1	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 80013348	
1000 Hr Full	9999102840
2000 Hr Full	9999103176
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 80013348)	907088
Breather (Hyd Reservoir)(use w/ P/N 80013348)	80013562

600E	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

600E	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 935187	
1000 Hr Full w/Filter Head P/N 907096	9999102840
2000 Hr Full w/Filter Head P/N 907096	9999102335
1000 Hr Full w/ Filter Head P/N 907153	9999102336
2000 Hr Full w/ Filter Head P/N 907153	9999102337
Use Below Kits w/ Reservoir P/N 935194	
1000 Hr Full w/ Filter Head P/N 907153	9999102336
2000 Hr Full w/ Filter Head P/N 907153	9999102339
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 907096 & 935187)	907088
Breather (Hyd reservoir) (use w/ P/N 935187)	935190
Element (Hyd. Return Filter) (use w/ P/N 907153 & 935187 or 935194)	9437100882
Breather (Hyd reservoir) (use w/ P/N 935194)	9880100236

600E2	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE

600E2**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

600E2**National**

Telescoping Boom Crane

Service Kits (Crane Only)

Use Below Kits w/ Reservoir P/N 7880100082, 80000602	
1000 Hr Full	9999102840
2000 Hr Full	9999102841
Use Below Kits w/ Reservoir P/N 7880100084, 7880100085	
1000 Hr Full	9999102842
2000 Hr Full	9999102847
Use Below Kits w/ Reservoir P/N 80013348	
1000 Hr Full	9999102840
2000 Hr Full	9999103176
Use Below Kits w/ Reservoir P/N 80014495, 80024453	
1000 Hr Full	9999103177
2000 Hr Full	9999103178

Kit Components

Element (Hyd. Return Filter) (use w/ P/N 7880100082, 80000602, 80013348)	907088
Breather (Hyd reservoir) (use w/ P/N 7880100082, 7880100084, 7880100085 Rev F & Earlier, 80000602)	9880100236
Element (Hyd. Return Filter) (use w/ P/N 7880100084 or 7880100085 Rev F & earlier)	7437100250
Breather (Hyd Reservoir)(use w/ P/N 80013348, 80014495, 80024453)	80013562
Element (Hyd. Return filter)(use w/ P/N 80014495, 80024453)	9437100825

600E2-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

600E2-1	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 80013348	
1000 Hr Full	9999102840
2000 Hr Full	9999103176
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 80013348)	907088
Breather (Hyd Reservoir)(use w/ P/N 80013348)	80013562

600H-1	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

600H-1	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 80014495, 80024453	
1000 Hr Full	9999103177
2000 Hr Full	9999103178
Kit Components	
Element (Hyd. Return filter)(use w/ P/N 80014495, 80024453)	9437100825
Breather (Hyd Reservoir)(use w/ P/N 80014495, 80024453)	80013562

800D	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

National
800D

Telescoping Boom Crane

Service Kits (Crane Only)
Use Below Kits w/ Reservoir P/N 935165, 935172

1000 Hr Full w/Filter Head P/N 907096	9999102840
2000 Hr Full w/Filter Head P/N 907096	9999102347

Use Below Kits w/ Reservoir P/N 7880100082, 7880100083, 80000602, 80000766

1000 Hr Full w/Filter Head P/N 907096	9999102840
2000 Hr Full w/Filter Head P/N 907096	9999102841

Use Below Kits w/ Reservoir P/N 818126, 935183

1000 Hr Full	9999102842
2000 Hr Full	9999102351

Use Below Kits w/ Reservoir P/N 7880100084

1000 Hr Full	9999102842
2000 Hr Full	9999102847

Use Below Kits w/ Reservoir P/N 80013348, 80024451

1000 Hr Full	9999102840
2000 Hr Full	9999103176

Use Below Kits w/ Reservoir P/N 80024453

1000 Hr Full	9999103177
2000 Hr Full	9999103178

Kit Components

Element (Hyd. Return Filter) (use w/ P/N 907096 & 935165, 935172, 7880100082, 7880100083, 80000602, 80000766, 80013348, 80024451)	907088
Breather (Hyd reservoir) (use w/ P/N 935165, 935172)	935146
Element (Hyd. Return Filter) (use w/ P/N 7880100084, 818126, 935183)	7437100250
Breather (Hyd reservoir) (use w/ P/N 818126, 935183)	935177
Breather (Hyd reservoir) (use w/ P/N 7880100082, 7880100083, 7880100084, 80000602, 80000766)	9880100236
Breather (Hyd reservoir) (use w/ P/N 80013348, 80024451, 80014453)	80013562
Element (Hyd. Return Filter) (use w/ P/N 80024453)	9437100825

800D-1
National
Fluids and Lubricants

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

800D-1	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 80013348, 80024451	
1000 Hr Full	9999102840
2000 Hr Full	9999103176
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 907096, 80013348, 80024451)	907088
Breather (Hyd reservoir) (use w/ P/N 80013348, 80024451, 80014453)	80013562

800H-1	National																																																
Fluids and Lubricants																																																	
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800H-1	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
Use Below Kits w/ Reservoir P/N 80024453	
1000 Hr Full	9999103177
2000 Hr Full	9999103178
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 80024453)	9437100825
Breather (Hyd reservoir) (use w/ P/N 80024453)	80013562

800DU-1	National																																								
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800DU-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

800DU-1**National****Service Kits (Crane Only)**

Telescoping Boom Crane

Use Below Kits w/ Reservoir P/N 80024453

1000 Hr Full	9999103177
2000 Hr Full	9999103178

Kit Components

Element (Hyd. Return Filter) (use w/ P/N 80024453)	9437100825
Breather (Hyd reservoir) (use w/ P/N 80024453)	80013562

900A**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

900A**National**

Telescoping Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 935165**

1000 Hr Full w/Filter Head P/N 907096	9999102840
2000 Hr Full w/Filter Head P/N 907096	9999102347

Use Below Kits w/ Reservoir P/N 7880100082

1000 Hr Full w/Filter Head P/N 907096	9999102840
2000 Hr Full w/Filter Head P/N 907096	9999102841

Use Below Kits w/ Reservoir P/N 80000602

1000 Hr Full	9999102840
2000 Hr Full	9999102841

Kit Components

Element (Hyd. Return Filter)	907088
Breather (Hyd reservoir) (use w/ P/N 935165)	935146
Breather (Hyd reservoir) (use w/ P/N 7880100082 or 80000602)	9880100236

900A-1**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

900A-1**National****Service Kits (Crane Only)***Use Below Kits w/ Reservoir P/N 80013348*

1000 Hr Full	9999102840
2000 Hr Full	9999103176

Kit Components

Element (Hyd. Return Filter)	907088
Breather (Hyd reservoir)	80013562

900H-BC**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

900H-BC**National****Service Kits (Crane Only)***Use Below Kits w/ Reservoir P/N 7880100124, 80000767*

1000 Hr Full	9999102843
2000 Hr Full	9999102844

Use Below Kits w/ Reservoir P/N 80024452

1000 Hr Full	9999103180
2000 Hr Full	9999103179

900H-BC	National
	Telescoping Boom Crane
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 7880100127, 80000767, 80024452)	7437100247
Breather (Hyd reservoir) (use w/ P/N 7880100127, 80000767)	9880100236
Breather (Hyd reservoir) (use w/ P/N 80024452)	80013562

900H-1	National		
Fluids and Lubricants			
SPEC NO			
SPEC NO	SPEC NO 2		
PART NO	DESCRIPTION		
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

900H-1	National
	Telescoping Boom Crane
Service Kits (Crane Only)	
<i>Use Below Kits w/ Reservoir P/N 80024452</i>	
1000 Hr Full	9999103180
2000 Hr Full	9999103179
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 80024452)	7437100247
Breather (Hyd reservoir) (use w/ P/N 80024452)	80013562

GBT35	National		
Fluids and Lubricants			
SPEC NO			
SPEC NO	SPEC NO 2		
PART NO	DESCRIPTION		
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829015236	*	9999300060	WIRE ROPE LUBE

GBT35		National
		Telescoping Boom Crane
Service Kits (Crane Only)		
Use Below Kits w/ Reservoir P/N 80014495		
1000 Hr Full w/o A/C		9999103191
1000 Hr Full w/ A/C		9999103192
2000 Hr Full w/o A/C		9999103193
2000 Hr Full w/ A/C		9999103194
Use Below Kits w/ Reservoir P/N 80014495 & Heat/Cool kit P/N 80042060		
1000 Hr Full w/o A/C		9999103880
1000 Hr Full w/ A/C		9999103881
2000 Hr Full w/o A/C		9999103882
2000 Hr Full w/ A/C		9999103883
Kit Components		
Element (Hyd. Return Filter) (use w/ P/N 80014495)		9437100825
Filter, Cab		7437000840
Belt (A/C compressor)		9515102870
Breather (Hyd reservoir) (use w/ P/N 80014495)		80013562
Filter, Cab (Heat/Cool) (use w/ P/N 80042060)		90018864

NBT15		National	
Fluids and Lubricants			
SPEC NO SPEC NO 2 PART NO DESCRIPTION			
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

NBT15		National
		Telescoping Boom Crane
Service Kits (Crane Only)		
Use Below Kits w/ Reservoir P/N 80032590, 80054424		
1000 Hr Full		9999103195
2000 Hr Full		9999103194
Kit Components		
Element (Hyd. Return Filter) (use w/ P/N 80032590, 80054424)		80036446
Breather (Hyd reservoir) (use w/ P/N 80032590, 80054424)		80013562

NBT30H		National	
Fluids and Lubricants			
SPEC NO SPEC NO 2 PART NO DESCRIPTION			
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)

NBT30H**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

NBT30H**National****Service Kits (Crane Only)**

Telescoping Boom Crane

Use Below Kits w/ Reservoir P/N 80024452

1000 Hr Full	9999103180
2000 Hr Full	9999103179

Kit Components

Element (Hyd. Return Filter) (use w/ P/N 80024452)	7437100247
Breather (Hyd reservoir) (use w/ P/N 80024452)	80013562

NBT40**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829015236	*	9999300060	WIRE ROPE LUBE

National**NBT40**

Telescoping Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 7880100085**

1000 Hr Full w/o A/C	9999103197
1000 Hr Full w/ A/C	9999103198
2000 Hr Full w/o A/C	9999103199
2000 Hr Full w/ A/C	9999103200

Use Below Kits w/ Reservoir P/N 80014495

1000 Hr Full w/o A/C	9999103191
1000 Hr Full w/ A/C	9999103192
2000 Hr Full w/o A/C	9999103201
2000 Hr Full w/ A/C	9999103202

Use Below Kits w/ Reservoir P/N 80043210

1000 Hr Full w/o A/C	9999103880
1000 Hr Full w/ A/C	9999103881
2000 Hr Full w/o A/C	9999103882
2000 Hr Full w/ A/C	9999103883

Kit Components

Filter Element (Hyd Reservoir) (use w/ P/N 7880100085)	7437100250
Filter, Cab	7437000840
Belt (A/C compressor)	9515102870
Cap / Breather (Hyd reservoir) (use w/ P/N 7880100085)	9880100236
Cartridge assy filter (Manifold vlv)	9926110629
Element (Hyd. Return Filter) (use w/ P/N 80014495, 80043210)	9437100825
Breather (Hyd reservoir) (use w/ P/N 80014495)	80013562
Filter, Cab (Heat/Cool) (use w/ P/N 80043210)	90018864

NBT50**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829015236	*	9999300060	WIRE ROPE LUBE

NBT50**National**

Telescoping Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 80013676**

1000 Hr Full w/o A/C	9999103203
1000 Hr Full w/ A/C	9999103204
2000 Hr Full w/o A/C	9999103205
2000 Hr Full w/ A/C	9999103206

Use Below Kits w/ Reservoir P/N 80013676 & Cab HVAC Kit P/N 80040152

1000 Hr Full w/o A/C	9999103884
1000 Hr Full w/ A/C	9999103885
2000 Hr Full w/o A/C	9999103886
2000 Hr Full w/ A/C	9999103887

Kit Components

Element (Hyd. Return Filter) (use w/ P/N 80013676)	9437100825
Filter Element (Hyd Res Suction) (use w/ P/N 80013676)	80026085
Filter, Cab (use w/ P/N 80016212, 80021066)	7437000840
Filter, Cab (use w/ P/N 80040152)	90018864
Belt (A/C compressor)	9515102870
Breather, Filler (Hyd Res) (use w/ P/N 80013676)	90015282

NBT60**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829101130	*	9999300201	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300202	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300204	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829101130	*	9999300203	50/50 FULLY FORM. ANTI-FREEZE / COOLANT (PINK)(OWI FLEETCHARGE)
6829015236	*	9999300060	WIRE ROPE LUBE

NBT60**National**

Telescoping Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 80055357**

1000 Hr Full w/o A/C	9999103884
1000 Hr Full w/ A/C	9999103885
2000 Hr Full w/o A/C	9999103886
2000 Hr Full w/ A/C	9999103887

National**NBT60**

Telescoping Boom Crane

Kit Components

Element (Hyd. Return Filter) (use w/ P/N 80055357)	9437100825
Filter Element (Hyd Res Suction) (use w/ P/N 80055357)	80026085
Filter, Cab (use w/ P/N 80040152)	90018864
Belt (A/C compressor)	9515102870
Breather, Filler (Hyd Res) (use w/ P/N 80055357)	90015282

N100 / 105**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N100 / 105**National**

Articulating Boom Crane

Service Kits (Crane Only)

Use Below Kits w/ Reservoir P/N 935120, 7880100097

1000 Hr Full	9999102362
2000 Hr Full	9999102363

Kit Components

Element (Hyd. Return Filter)	907079
Breather (Hyd reservoir)	884011

N135**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

National**N135**

Articulating Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 935097, 7880100100**

1000 Hr Full	9999102364
2000 Hr Full	9999102365

Kit Components

Element (Hyd. Return Filter)	907125
Breather (Hyd reservoir)	884011

N160**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N160**National**

Articulating Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 935126, 7880100098**

1000 Hr Full w/ STD MTD Reservoir	9999102364
2000 Hr Full w/ STD MTD Reservoir	9999102365

Use Below Kits w/ Reservoir P/N 935067, 7880100099

1000 Hr Full w/ Rear MTD Reservoir	9999102364
2000 Hr Full w/ Rear MTD Reservoir	9999102369

Kit Components

Element (Hyd. Return Filter)	907125
Breather (Hyd reservoir) (use w/ P/N 935126, 7880100098)	884011
Breather (Hyd reservoir) (use w/ P/N 935067, 7880100099)	884009

N205**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829003689	*	01573046	ANTI-SEIZE COMPOUND
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)

N205**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N205**National****Service Kits (Crane Only)****Use Below Kits w/ Reservoir P/N 935114, 7880100096**

1000 Hr Full w/ STD MTD Reservoir	9999102364
2000 Hr Full w/ STD MTD Reservoir	9999102369

Use Below Kits w/ Reservoir P/N 935067, 7880100099

1000 Hr Full w/ Rear MTD Reservoir	9999102364
2000 Hr Full w/ Rear MTD Reservoir	9999102369

Kit Components

Element (Hyd. Return Filter)	907125
Breather (Hyd reservoir)	884009

N50**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829007887	*	9999300041	GEAR LUBE SAE 140
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N50**National****Service Kits (Crane Only)****Use Below Kits w/ Reservoir P/N 935106**

1000 Hr Full	9999102362
2000 Hr Full	9999102375

Kit Components

Element (Hyd. Return Filter)	907079
Breather (Hyd reservoir)	884009

N65A**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)

N65A**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829007887	*	9999300041	GEAR LUBE SAE 140
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N65A**National**

Articulating Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 935106**

1000 Hr Full	9999102362
2000 Hr Full	9999102375

Kit Components

Element (Hyd. Return Filter)	907079
Breather (Hyd reservoir)	884009

N80A**National****Fluids and Lubricants**

SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829007887	*	9999300041	GEAR LUBE SAE 140
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N80A**National**

Articulating Boom Crane

Service Kits (Crane Only)**Use Below Kits w/ Reservoir P/N 935149, 935195**

1000 Hr Full w/ Frame MTD Reservoir	9999102840
2000 Hr Full w/ Frame MTD Reservoir	9999102379

Use Below Kits w/ Reservoir P/N 935120, 7880100097

1000 Hr Full w/ Rear MTD Reservoir	9999102362
2000 Hr Full w/ Rear MTD Reservoir	9999102363

N80A	National
	Articulating Boom Crane
Kit Components	
Element (Hyd. Return Filter) (use w/ P/N 935149, 935195)	907088
Breather (Hyd reservoir) (use w/ P/N 935149, 935195)	935152
Element (Hyd. Return Filter) (use w/ P/N 935120, 7880100097)	907079
Breather (Hyd reservoir) (use w/ P/N 935120, 7880100097)	884011

N85	National		
Fluids and Lubricants			
SPEC NO	SPEC NO 2	PART NO	DESCRIPTION
6829012964	*	9999300301	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300240	EXTENDED SERVICE INTERVAL GEAR LUBE/OIL (80W-90)(CHEVRON DELO ESI)
6829012964	*	9999300047	EXTENDED SERVICE INTERVAL GEAR LUBRICANT (CHEVRON DELO)(80W90)
6829003477	*	9999300021	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	*	9999300020	EXTREME PRESSURE MULTIPURPOSE GREASE
6829003477	6829014326	9999300217	EXTREME PRESSURE MULTIPURPOSE GREASE (XHP 222)(BOOM GREASE)
6829007887	*	9999300041	GEAR LUBE SAE 140
6829006444	*	9999300001	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300003	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829006444	*	9999300005	HYDRAULIC OIL (PREMIUM FILTERED MOBIL 424)
6829102971	*	9999300213	OPEN GEAR LUBE (CEPLATTYN 300)
6829015236	*	9999300060	WIRE ROPE LUBE

N85	National
	Articulating Boom Crane
Service Kits (Crane Only)	
	<i>Use Below Kits w/ Reservoir P/N 175437</i>
1000 Hr Full	9999102362
2000 Hr Full	9999102383
Kit Components	
Element (Hyd. Return Filter)	907079
Breather (Hyd reservoir)	884001

Notes