



**Mack Trucks, Inc.**  
Greensboro, NC USA

# Service Bulletin Trucks

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Approved Oils  
MACK Components

## Approved Oils, Mack Components

This service bulletin identifies the oil requirements and lists the companies offering oil types and qualities required for MACK components.

**Note:** Failure to follow these recommendations may void any and all applicable engine, transmission and drive line warranties.

### Contents

- “Approved Oils, MACK Engines”, page 2
- “Approved Oils, MACK mDRIVE Transmissions”, page 18
- “Approved Oils, MACK Transmissions”, page 19
- “Approved Oils, MACK Components”, page 22

# Approved Oils

## Approved Oils, MACK Engines

### Engine Oil Type/Quality

See the engine types for recommended oil change intervals. The intervals do not cover all applications. In on/off highway driving, severe off-highway, continuous stop-and-go city driving and extremely high mileages, the oil change interval needs to be customized for the best protection and economy. Change all oil filters at each oil change.

Synthetic oils do not allow further extension of oil drain intervals. It is the contamination rate (i.e., soot and the depletion of additives) rather than base oil quality that determines the useful engine oil life and therefore the oil change intervals.

**Note:** Engines meeting the 2007 and later emissions requirements are designed with exhaust aftertreatment systems requiring a new engine oil quality. This has lead MACK to require an oil that meets MACK EO-O Premium Plus quality standards for model year 2007 and later MACK engines. The MACK EO-O Premium Plus quality standard is based on the newly developed API CJ-4 engine oil specification, but has additional performance requirements essential to adequately protect the MACK engines at the drain intervals specified. So, all oils listed in this bulletin also meet the API CJ-4 specification. Pre-2007 engines also work better with the above mentioned oils, but are not required.



#### **CAUTION**

Extra oil additives must never be added to any oil used.

## MACK EO-O Premium Plus Approved Engine Oils

**Note:** All the oils listed in the following table meet the VDS-4 standard. They also meet VDS-2, VDS-3, EO-N Premium Plus and API CJ-4 quality standards. Oil from this list is **REQUIRED** for model year 2007 and later MACK engines and are recommended for earlier engines.

Supplier	Brand Name	Viscosity Grade
MACK Trucks, Inc.	MACK Bulldog EO-O Premium Plus	10W-30
	MACK Bulldog EO-O Premium Plus	15W-40
49 North Lubricants	Premium Plus 7000	15W-40
ACT GmbH	VOLTRONIC Motoroil 10W40	10W-40
Addinol Lube Oil GmbH	Addinol Professional 1540 E9	15W-40
ADNOC Distribution	ADNOC Voyager Ultra	15W-40
AD Parts SL	AD ZTD	15W-40
Advanced Lubrication Specialities, Inc.	Advantage CJ-4 Premium Plus	15W-40
	Advantage HD Premium Synthetic	5W-40
	Advantage Premium Plus	10W-30
Agro Oil	Agrol Evo Truck	15W-40
AIOD (Association of Independent Oil Distributors)	PURUS Full Synthetic	5W-40
	PURUS Synthetic Blend	15W-40
	PURUS Synthetic Blend	10W-30
Allegheny Petroleum Products Company	Altra Fleet	15W-40
	Altra EC Fleet	15W-40
Amalie Oil Company	Amalie XLO Ultimate Full Synthetic	5W-40
	Amalie XLO Ultimate Synthetic Blend	15W-40
	Rallye Maximum Duty-Plus	15W-40
	U.S. Lubricants Maximum Duty-Plus	15W-40
	Wolf's Head Extreme Duty Synthetic Blend	15W-40
	Xcel Maximum Duty-Plus	15W-40
American Refining Group, Inc.	Brad Penn HD Premium Plus	15W-40
Amsoil Inc	DEO	5W-40
Aral Mineralöl AG	MegaTurboral VR	10W-40
	Aral Turboral VR	15W-40
Aseol Suisse AG	Asetruck LA-UM	10W-40
	Asetruck LA-ECO	5W-30
Astris SA	Astris LA-MD	10W-40
	Astris Diesel Syntheco	5W-30
Atlantic Lubricants Pty Ltd.	Pro Diesel	15W-40
Avia Genossenschaft Schmierstoffe	Avia Multi CJ-4/SN	10W-40
Bardahl de Mexico, S.A. de C.V.	Bardahl Super Diesel Oil API CJ-4/SM	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
BayWa AG	Tectrol Super Truck VD Plus 1540	15W-40
	Tectrol Super Truck VD Plus 1040	10W-40
Beijing Beifangchuangye Lubricating Oil Limited Company	Zhongxiang	15W-40
Benz Oil Company	Diesel XT	15W-40
Bernadini Pty Ltd.	Diesel Supreme	15W-40
BG Products, Inc.	BG SAE 15W-40 Synthetic Engine Oil	15W-40
Black Bear Company, Inc.	SHD Motor Oil	15W-40
	SHD Motor Oil	10W-30
BP Plc	BP Vanellus Max Eco	15W-40
Bucher AG Langenthal	Motorex Focus CF	15W-40
	Motorex Focus CF	10W-40
	Nexus FE	5W-30
Calumet Packaging	Trufleet	15W-40
	Trufleet	10W-30
Cam2 Oil Products Company, Inc.	Cam2 Super HD Premium Plus (07)	15W-40
	Synavex Ultra HD 5W-40 CJ-4/SM	5W-40
	Earth Driven	15W-40
Carl Harms	Oilfino Econ T 7700	10W-40
Castrol, Ltd.	Castrol Elixion	5W-30
	Castrol Enduron Global	10W-40
	Castrol Enduron Global	15W-40
	Castrol Hypuron	15W-40
	Castrol Hypuron	10W-30
	Castrol Hypuron Advanced Formula	10W-30
	Castrol Tecton Extra	15W-40
	Castrol Tecton Global ES	15W-40
	Castrol Vecton Fuel Saver	5W-30
	Castrol Vecton CJ-4	15W-40
	Castrol Vecton 15W-40 CJ-4	15W-40
	Castrol Vecton 10W-40 LS	10W-40
	Castrol Vecton Long Drain	15W-40
	Castrol Vecton Long Drain	10W-30
	Castrol Vecton Long Drain CJ-4	10W-30
	Castrol Vecton Long Drain E6/E9	10W-30
	Castrol Vecton Cambio Extendidio	15W-40
	Castrol RX Max 15W-40	15W-40
Castrol CRB Turbo G4	15W-40	

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
CEPSA Comercial Petroleo	CEPSA Eurotech MS	15W-40
	CEPSA Eurotech LS 10W40 Plus	10W-40
Champion Brands, LLC	Champion All Fleet T	15W-40
	Champion Ultra Fleet	5W-30
Champion Chemicals N.V.	Champion Ecofleet Extra MS 15W-40	15W-40
	Champion OEM Specific 15W40 MS	15W-40
	Champion OEM Specific 10W30 MS	10W-30
	Champion OEM Specific 5W30 UHPD	5W-30
Chemlube International, Inc.	Chemlube Premium Multi-Fleet	15W-40
Chevron Global Lubricants	Caltex Delo® 400 LE	15W-40
	Chevron Delo® 400 LE®	10W-30
	Chevron Delo® 400 LE®	15W-40
	Chevron Delo® 400 LE Synthetic®	5W-40
	Chevron Delo® 400 LE Synthetic®	5W-30
	Chevron Delo® 400 XLE Synblend	10W-30
	Chevron URSA® Super Plus EC®	15W-40
	Texaco Ursa Super Plus EC	15W-40
	Texaco URSA® Ultra	15W-40
	Texaco Ursa Ultra LE	10W-30
	Texaco Ursa Ultra LE	15W-40
	Teaxco Ursa Ultra XLE	5W-30
	Ursa Ultra LE	10W-30
CHS, Inc. (Cenex)	Cenex MAXTRON DEO	15W-40
	Cenex MAXTRON Enviro-Edge	5W-40
	Cenex Superlube TMS	15W-40
CITGO Petroleum Corporation	Citgard 600	15W-40
	CITGARD 700 Synthetic Blend	10W-30
	CITGARD 700 Synthetic Blend	15W-40
	CITGARD Syndurance Synthetic	5W-30
	Citgard HD	15W-40
	Mystik JT-8 SHD	15W-40
	Mystik JT-8 SHD	10W-30
Mystik JT-8 Synthetic	5W-40	
Coastal Blending & Packaging	IDO Premium Plus	5W-40
	IDO Premium Plus	15W-40
	IDO Premium Plus	10W-30
Colorado Petroleum Products Company	Rugged 400 CJ-4 15W40	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Comercial Importadora S.A. de C.V.	Super Series Advanced SS	15W-40
	Super Series Advanced	15W-40
	Dura Track FS Totalmente Sintetico	5W-30
Comercial Roshfrans, S.A. de C.V.	Diesel Voltro Plus API CJ-4/SM	15W-40
	Aceite Sintetico Voltro® Americanfleet	5W-40
	Aceite Semisintetico Voltro® Pro	15W-40
Comma	TransFlow GX	15W-40
Condat Lubrifiants	Vicam Full Max	10W-40
CountryMark Cooperative LLP	Advantage	15W-40
	Advantage HD DEO Full Synthetic	5W-40
Cross Oil Marketing & Refining, Inc.	SynGard®	15W-40
	Gard®	15W-40
	Xtreme®	15W-40
	SynGard®	10W-30
	Gard®	10W-30
	Xtreme®	10W-30
David Weber Oil Company	Gibraltar Super S-3 LDLX	15W-40
	Gibraltar Super S-3 LX	15W-40
	Gibraltar Ultra LX	15W-40
Delek, The Israel Fuel Corporation, Ltd.	Delek Turbo Oil CJ-4	15W-40
Delfin Group USA	Spectrol	15W-40
Dennis K Burke Inc	Fleetline Super Fleet XHD	15W-40
Detroit Diesel	DD Genuine Motor Oil	15W-40
Dilmar Oil Company	Dieselmax	15W-40
DKR Petroleum	ER	15W-40
Emirates Lube Oil Co Ltd.	National Performax Gold Plus	15W-40
Emirates National Oil Company	ENOC Vulcan 880X CJ-4	15W-40
Eni S.p.A.	eni i-Sigma top MS	10W-30
	eni i-Sigma top MS	15W-40
	eni i-Sigma top MS	5W-30
ENI USA R&M Co Inc	All-Guard XHD 7	15W-40
	Syn-Guard	5W-40
Eurol BV	Eurol Globence	15W-40
Exol Lubricants Ltd.	Exol Taurus SHPD E9	15W-40
	Exol Taurus SHPD E9	10W-30
Federal Chile Petrolera, Ltd.	Federal Royal Synthetic	5W-40
	Federal Maxxum LE	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Federated Co-Operatives, Ltd.	D-MO Gold	15W-40
	D-MO Gold	10W-30
Finke Mineralölwerk GmbH	Aviaticon Turbo Super Plus	15W-40
	Aviaticon Turbo LA Plus	10W-40
Ford Motor Company	Motorcraft SAE 15W-40 Super Duty Motor Oil	15W-40
Fuchs Europe Schmierstoffe GmbH	Titan Cargo	15W-40
	Titan Cargo	5W-40
Fujian Laike Petrochemical Co Ltd.	Laike	15W-40
Gazpromneft Lubricants Ltd.	G-Profi MSJ	5W-30
	G-Profi MSJ	10W-30
GB Lubricants	GB Intercooler LSC	15W-40
	GB Unimoth Synth 4	10W-40
Georg OEST Mineralölwerk GmbH & Company KG	OEST Dimo TOP LS	15W-40
Ginouves SAS	York 949	10W-30
	York 949	15W-40
	York 1147	10W-40
Growmark, Inc.	Archer Premium Arpeco	15W-40
	FS Suprex Gold ESP	15W-40
	United Premium Fleet	15W-40
	FS Suprex Gold ESP	10W-30
	United Super Premium Fleet	10W-30
GS-Caltex Corporation	Kixx DX Euro	15W-40
Gulf Oil International	Gulf Supreme Duty XLE	10W-30
	Gulf Supreme Duty XLE	15W-40
Gulf Western Oil	Syn Fleet MX	10W-40
	Top Dog Global	15W-40
Hicks Oil	Formula 500	15W-40
	Nature's Choice	15W-40
HiTec Oil Traders, Pty Ltd.	HiTec Fleetmaster CJ-4	15W-40
HM Highmil SA de CV	HM Goldstar CJ-4	15W-40
HONG KUO LUBRICANT CO., Ltd.	Comtrol	15W-40
Hydrotex	HyFilm LEO	5W-40
	HyFilm LEO	5W-30
Idemitsu Kosan Ltd. Idemitsu Kosan Ltd.	UD Engine Oil VDS-4/DH-2	10W-30
	Megamulti VDS-4/DH-2	10W-30
IGOL France	Protruck 400X	10W-30

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Imperial Oil, Ltd.	Mobil Delvac 1300 Super	10W-30
	Mobil Delvac 1300 Super	15W-40
	Mobil Delvac 1300 F2 Super	10W-30
	Mobil Delvac 1300 F2 Super	15W-40
INA Maziva d.o.o.	INA Super 2009	5W-30
Industrial Oil Unlimited	Hi-Tek	15W-40
Kenworth	ALLLube Ultra	15W-40
Kroon-Oil B.V.	Dieselfleet MSP	15W-40
	Dieselfleet MSP	10W-30
	Armado Synth LSP Ultra	10W-40
	Armado Synth LSP Ultra	5W-30
	Armado Synth MSP Ultra	5W-40
Kuiken N.V.	Motor Oil Ultra 4	15W-40
	Motor Oil Ultra 4	5W-30
	Motor Oil Ultra 4	5W-40
Kuttenkeuler GmbH	Mega Truck 2 LSP	15W-40
Kuwait Petroleum	Q8 T760	10W-30
	Q8 T760	15W-40
	Q8 T910	5W-30
Link Kimya Petrol urunleri San. Ve Tic. Ltd. Sti	dew Figheter	15W-40
Liqui Moly GmbH	Liqui Moly Top Tec Truck 4350	15W-40
	Liqui Moly Top Tec Truck 4450	15W-40
	Lique Moly Truck Nachfull-Ol	5W-30
Lubricantes de America, S.A. de C.V.	Gonher Super Fleet	15W-40
	Lubral Super Diesel	15W-40
Lubrication Engineers Inc.	Monolec® Ultra Engine Oil	15W-40
	Monolec Ultra® Syn Heavy Duty Engine Oil	5W-40
Lubricon Industrial Oil & Lubricants	Lubex Dieselfleet EXTD	15W-40
Lukoil Lubricants Europe Oy	Teboil Super HPD ECV	15W-40
	Teboil Super HPD ECV	5W-40
Lukoil Lubricants Austria GmbH	OMV truck blue GS	10W-30
	OMV truck blue GS	10W-40
	OMV truck blue ET	5W-30
Mabanol FmbH & Co KG	Argon Truck Blue FE	10W-40
	Argon Truck Blue Plus	5W-30
Magna Industrial Co. Limited	Omega 757	15W-40
Marathon Oil Company	Multipower-3 Ultra	15W-40



<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Maxol Lubricants Limited	Truck Line LSP	15W-40
	Truck Line LSP	10W-30
Meguin GmbH & Co KG Mineraloelwerke	Megol Motorenoel Premium truck LA	5W-30
	Megol Motorenoel Gloval truck SHPD	15W-40
Mexicana de Lubricantes, S.A. de C.V.	Akron Ultra Clear Plus CJ-4	15W-40
Millers Oils Ltd.	Truckmaster CJ-4	15W-40
Minerva Oil	Synthotruck	10W-30
	Alltruck	5W-30
Mitsuo Oil Corporation	Mitsuo Ultra Diesel	5W-40
	Mitsuo Heavy Duty Diesel Oil	15W-40
Mobil Branded Lubricants (Exxon Mobil Corp.)	Mobil Delvac 1 Advanced 5W-30	5W-30
	Mobil Delvac 1 5W-30	5W-30
	Mobil Delvac 1 ESP	5W-40
	Mobil Delvac 1 ESP	0W-40
	Mobil Delvac 1300 Super	10W-30
	Mobil Delvac 1300 Super	15W-40
	Mobil Delvac Elite	15W-40
	Mobil Delvac Elite	10W-30
	Mobil Fleet	15W-40
	Mobil Delvac MX ESP	10W-30
	Mobil Delvac MX ESP	15W-40
	Mobil Delvac 1 LE	5W-30
Modrica Oil Refinery	Maxima E-9	10W-40
	Maxima E-9	15W-40
MOL-LUB, Plc.	MOL Dynamic Global Diesel	15W-40
Morris Lubricants	Ecosyn	10W-40
	Morris Ring Free Eco-9	10W-30
Motul SA	Motul Tekma Futura +	10W-30
MPM International Oil Company BV	MPM Motor Oil 10W-30 Extra High Performance	10W-30
Müller Mineralöle GmbH & Co. KG	Opt Plus 2 Lsp Truck	15W-40
Neste Markkinointi Oy	Neste Turbo CJ-4	15W-40
	Neste Turbo NEX	15W-40
	Neste Turbo NEX	10W-40
NEW-PROCESS® AG	Dallas US	15W-40
	Diesel Eco Truck	5W-30
Nordlub Deutschland GmbH	Nordlub XP-HDLA Plus	5W-30
North American Lubricants	Puramax CleanFleet HD	15W-40
	PureGreen Extra-Duty	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Northland Products Company	Superline CJ-4 15W-40 '07	15W-40
	Synergy Synthetic Express	5W-40
North Sea Lubricants	Tidal Power SHPD	10W-30
Oel-Brack AG	Midland Maxtra	10W-40
	Midland Super Diesel	10W-40
OMNI Industries	NUVO	15W-40
	Pure Guard	15W-40
	Xtra Rev	15W-40
	ABRO	15W-40
OMV Petrol Ofisi AS	PO Maximus HD	10W-40
	PO Maximus HD	10W-30
	Maximus HD-E	5W-30
OOO LLK-International	Lukoil Avantgarde Professional LA	15W-40
	Lukoil Avantgarde Professional LA	5W-40
Organizacion Terpel SA	Terpel Maxter 15W40 Avanzado	15W-40
ORLEN Oil Sp. z o.o.	Platinum Ultor Futuro	15W-40
	Platinum Ultor Max	5W-40
	Platinum Ultor Optimo	10W-30
	Platinum Ultor Perfect	5W-30
	Platinum Agro Novo	15W-40
Panolin AG	Panolin Universal LA-X	15W-40
	Panolin Universal LA-X	10W-40
	Panolin Exomot	5W-30
Paramo a.s.	Mogul Diesel L-SAPS	15W-40
Paz Lubricants & Chemicals	Paz Perfect CJ-4	15W-40
	Paz Perfect Dan	15W-40
Peak Lubricants Pty Ltd.	Synpro Diesel	15W-40
Penrite Oil Company Pty Limited	Diesel HD	15W-40
	Enviro Plus	10W-40
Petrobras Distribuidora S/A	Lubrax Advento	15W-40
Petro-Canada Lubricants	Duron-E	10W-30
	Duron-E	15W-40
	Duron-E XL	15W-40
	Duron-E XL Synthetic	10W-30
	Duron-E Synthetic	5W-40
	Duron-E Synthetic	10W-40
Petróleos de Portugal, Petrogal SA	Galp Galáxia LD Supra	15W-40
Petronas Lubricants International Snd Bhd	Petronas Urania Supremo CJ-4	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Petronas Lubricants Belgium NV	Sunoco Heavy Duty Atlas HPD	5W-40
Phi Oil GmbH	Motodor LSP Gold	5W-30
	Motodor LSP Gold	10W-40
Phillips 66	Guardol ECT	15W-40
	Kendall Super-D XA	15W-40
	Fleet Supreme EC	15W-40
	Triton ECT Full Synthetic	5W-40
	Kendall SHP Diesel Full Synthetic	5W-40
	76 Firebird Heavy Duty EC	15W-40
Pinnacle Oil, Inc.	Fleetpro Ultra	15W-40
	Fleetpro Full Synthetic	5W-40
Qatar Lubricants Company	Supreme MAX DEO	15W-40
Raj Petro Specialities P Ltd.	Zoomol RFORCE 5100 RF1	15W-40
Raloy Lubricantes, S.A. de C.V.	Raloy Diesel Leader V4	15W-40
	Raloy Diesel Leader 10W-30	10W-30
	Max Raloy Diesel Ultra Synthetic	5W-40
	Top Raloy Diesel Full Synthetic	10W-40
Ravensberger Schmierstoffvertrieb GmbH	Ravenol Low Emission Truck	15W-40
Renault Truck Oils	Maxima CRX ECO	10W-30
	Extensia FP Eco	10W-30
	Maxeon ME6 ECO	10W-30
Repsol YPF Lubricantes Y Especialidas,S.A.	Repsol Diesel Turbo THPD MID SAPS	15W-40
	Repsol Diesel Turbo THPD MID SAPS	5W-30
Rock Oil	Guardian Commercial E9	15W-40
Rosemead Oil Products	Super Deluxe Coronation	15W-40
Rowe Mineralölwerk GmbH	Rowe Hightec Truckstar SAE 10W-40 Multi-LA	10W-40
Royal Manufacturing Company, LP	Diesel Supreme Ultra	15W-40
Royal Purple, Inc.	Royal Purple High Performance Motor Oil SAE 15W-40 CJ-4	15W-40
Safety-Kleen Corporation	America's Choice XHD-7	15W-40
	EcoPower	10W-30
	Ecopower	15W-40
	Performance Plus XHD-7	15W-40
Schaeffer Manufacturing	#700 Supreme 7000	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Shell International Petroleum Corp.	Shell Rimula RT4 L	15W-40
	Shell Rimula R4 L	15W-40
	Shell Rimula R5 LE	10W-30
	Shell Rimula R5 LE	10W-40
	Shell Rimula Super	15W-40
	Shell Rotella® T Triple Protection	15W-40
	Shell Rotella® T3	15W-40
	Shell Rotella® T5	10W-30
	Shell Rotella® T5	10W-40
	Shell Rotella® T6	5W-40
Shun Huang International Co., Ltd.	Jiamose	15W-40
Sinopec Corporation	Sinopec Tulux T600	15W-40
SK Energy Company, Ltd.	ZIC XQ 5000	15W-40
Smeermiddelen-Industrie De Olibron B.V.	Tor Truck Line LSP	15W-40
	Tor Truck Line LSP	5W-40
	Tor Truck Line LSP	10W-30
	Tor Truck Line LSP Plus	5W-30
	Tor Truck Line LSP Plus	10W-40
Smitty's Supply, Inc.	Sureguard Super Fleet	15W-40
Sonol Israel Ltd.	Titan Premium	15W-40
SRS Schmierstoff Vertrieb GmbH	SRS Turbo-Rekord Plus	15W-40
	SRS Turbo-Rekord plus FE	10W-40
	SRS Cargolub TLS plus	5W-30
Statoil Lubricants	MaxWay E9	15W-40
	MaxWay E9	10W-30
Swd Lubricants GmbH & Co KG	Swd Rheinol Favorit MSAP	15W-40
	Swd Rheinol Favorit MSAP	10W-40
Tamoil Italia SpA	Diesel Super HD	15W-40
	Diesel Ultra FE	10W-40
Tedex SA	Tedex SHPD VDS4 LSP Motor Oil	15W-40
Tesla Technoproducts FZE, Dubai	Denebola SS 1130	15W-40
Texas Refinery Corp.	ProSpec IV Engine Oil	15W-40
Texas petroChemical Asia Pacific Pte Ltd.	Texas Triton TX6	15W-40
Tong Li Wuhan Petrochemical Co. Ltd.	Tong Li Diesel Engine Oil CJ-4	15W-40

Supplier	Brand Name	Viscosity Grade
TOTAL Lubricants	Total Rubia TIR 7900	15W-40
	Total Rubia TIR 7900 FE	10W-30
	Total Rubia TIR 8900 FE	10W-30
	Total Rubia TIR 9900 FE	5W-30
	Total Rubia TIR 9900	10W-40
	Total Rubia Works 2000 FE	10W-30
	Total Rubia Works 2000 FE	10W-40
	Elf Performance Harmony FE	10W-30
	Elf Performance Harmony	15W-40
	Elf Performance Expert LSX FE	10W-30
	Total Caprano TDJ	15W-40
	Total Caprano TDJ FE	10W-30
	Star Max FE	10W-30
	Transnational Blenders BV	Engine Oil Super SHPD
Engine Oil Super SHPD		15W-40
Engine Oil Special Synthetic UHPD		10W-40
Trinidad & Tobago National Petroleum marketing Co Ltd.	Ultra Duty	15W-40
Tritech Lubricants & Sales Pty Ltd.	Toptech 15W-40 CJ-4/SM	15W-40
Tupo Lubricant Co Ltd.	HE P+ Chaojihecheng	15W-40
UAB "SCT Lubricants"	Fanfaro TRD E6 10W40 UHPD	10W-40
	Pemco Diesel G-7 Blue 10W40 UHPD	10W-40
	MN TS-7 UHPD Blue 10W40	10W-40
UAP Inc	Napa Value Diesel Engine Oil	15W-40
Unil Opal	Pallas 725	15W-40
	Pallas 725	10W-30
United Oil Company	Duralene Dura-Max	15W-40
	Duralene Dura-Max SB	15W-40
United Petroleum	Hyperion Ultra Multigrade Engine Oil	15W-40
	Hyperion Blend	10W-30
Universal Lubricants, Inc.	Dyna-Plex 21C Durazol HC	15W-40
	Dyna-Plex 21C Synzol HDEO	5W-40
	ECO Ultra Premium CJ-4	15W-40
	ECO Ultra Premium CJ-4	10W-30
Valvoline Australia	Diesel Extra LE	15W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Valvoline Company	All Fleet Plus	10W-30
	All Fleet Plus	15W-40
	NextGen All Fleet Plus	15W-40
	NextGen Premium Blue	15W-40
	Premium Blue	15W-40
	Premium Blue	10W-30
	Premium Blue Extreme	5W-40
Valvoline Europe	All Fleet Extra LE	15W-40
	All Fleet Extreme LE	5W-40
	All-Fleet Extra LE NTI	15W-40
Verco International	April Superpro RXL1 Gold Plus Heavy Duty	15W-40
Vextrom Corporation	Vextrom Xtraton Premium EXC	15W-40
Volgaresurs Co Ltd.	GT Turbo Diesel Extra	15W-40
Volvo do Brasil	Volvo Oleo Motor Diesel VDS-4	15W-40
VOLVO Truck Corp.	VOLVO Diesel Engine Oil VDS-4	10W-30
	VOLVO Diesel Engine Oil VDS-4	15W-40
VOLVO Trucks North America	VOLVO Premium Motor Oil	10W-30
	VOLVO Premium Motor Oil	15W-40
Vial Oil Ltd.	Consol Premium Plus	15W-40
	Select Lubricants Power Ultimate	15W-40
Wal-Mart Canada, Inc.	SUPERTECH Premium Diesel Engine Oil	15W-40
Wal-Mart Stores Inc	Super Tech Universal	15W-40
Warren Distribution	MAG 1	15W-40
Warren Oil Company, Inc.	Lubriguard™ 15W-40 CJ-4	15W-40
	Lubriguard™ Full Synthetic	5W-40
	Lubriguard™ Full Synthetic	5W-30
	Lubriguard Synthetic Blend	10W-30
	CARQUEST Fleet Plus	15W-40
	CARQUEST Full Synthetic Fleet Plus	5W-40
Windward Petroleum	Naviguard Premium Fleet	15W-40
Witham Oil & Paint Ltd.	Qualube Extremol FS	10W-40
	Qualube Extremol FS	10W-30
Wolf Oil Corporation NV	Wolf Masterlube Ecomiles Extra MS 15W-40	15W-40
	Wolf Officialtech 15W40 MS	15W-40
	Wolf Officialtech 10W30 MS	10W-30
	Wolf Officialtech 5W30 UHPD	5W-30
Vroman NV	Ardeca Pro-Tec Ultra	15W-40
Wunsch Ole GmbH	Wunsh TLA-Diesel Plus	10W-40

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Xado Lube BV	Xado Atomic Oil	15W-40
XL Lubricants Pty Ltd.	XL Lubricants CJ-4/SM	15W-40
Yacco SA	Transpro 40S FE	10W-30

## EO-N Premium Plus Approved Oils

**Note: The following oils are only approved for engines meeting the 2004 emission requirements for 2004 and earlier MACK engines and are NOT approved for model year 2007 and later MACK engines.**

Supplier	Brand Name	Viscosity Grade
<b>MACK Canada, Inc.</b>	<b>MACK Pedigree Engine Oil</b>	<b>15W-40</b>
<b>MACK Trucks, Inc.</b>	<b>Bulldog EO-N Premium Plus 03</b>	<b>15W-40</b>
Amsoil, Inc.	Amsoil PCO	15W-40
Bardahl de Mexico, S.A. de C.V.	Bardahl Super Diesel Oil CI-4 Plus	15W-40
BP plc	BP Vanellus Multi-Fleet Plus	15W-40
Castrol, Ltd.	Castrol Agri Power Plus	15W-40
	Castrol Tecton HD	15W-40
	Castrol RX Super	15W-40
Caterpillar, Inc.	CAT DEO	15W-40
Chevron Global Lubricants	Caltex Delo® 400 Multigrade	15W-40
	Chevron Delo® 400 Multigrade	15W-40
	Texaco URSA® TDX Plus	15W-40
	Texaco Ursa Super Plus	15W-40
Coastal Blending & Packaging	IDO Premium Plus	15W-40
Comercial Importadora, S.A. de C.V.	Super Series Advanced CJ-4/SL	15W-40
	Super Series III Plus	15W-40
Commerical Roshfrans, S.A. de C.V.	Aceite Voltro Diesel +	15W-40
ExxonMobil Corporation	Mobil Delvac 1300 Super 532	15W-40
	Mobil Delvac MX	15W-40
Federal Chile Petrolera, LTDA	Federal Maxxum Premium Plus	15W-40
Federated Co-Operatives, Ltd.	D-MO	15W-40
Gulf Oil International	Gulf Supreme Duty LE	15W-40
Mexicana de Lubricantes S.A. de C.V.	Akron Custom CI-4 15W-40	15W-40
Newalta	Mohawk Ultra Plus	15W-40
Petro-Canada Lubricants	Duron	15W-40
	Duron XL Synthetic Blend	15W-40
	Duron XL Synthetic Blend	10W-40
Phillips 66 Company	76 Guardol QLT	15W-40
	Conoco Hydroclear Power-D	15W-40
	Kendall Super-D 3	15W-40
	Kendall Super HD II Motor Oil	15W-40
Pinnacle Oil	FleetPro Plus	15W-40
	Marathon Multipower-3 Plus	15W-40
Royal Purple	Royal Purple	15W-40



<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Safety Kleen	America's Choice PLD-3	15W-40
	Performance Plus PLD-3	15W-40
Searle Petroleum	Galco Plus	15W-40
Shell International Petroleum Corp.	Kenworth	15W-40
	Rotella® T2	15W-40
Texas Refinery Corp.	Pro-Spec III	15W-40
The United Oil Company, Inc.	Duralene Dura-Guard	15W-40
The Valvoline Company	All-Fleet Plus	15W-40
	Diesel Extra LD	15W-40
	Premium Blue® Classic	15W-40
YPF, S.A.	Extra Vida XV 300	15W-40

## Approved Oils, MACK mDRIVE Transmissions

### Transmission Oil Type/Quality



#### CAUTION

Only use MACK-approved synthetic transmission oil in the mDRIVE transmission. Using non-approved transmission oil can result in damage to transmission components.



#### CAUTION

Drained mDRIVE synthetic oil must NEVER BE REUSED and must be replaced along with the transmission oil filter when the transmission oil is changed.

MACK mDRIVE transmissions are factory filled with oil according to VOLVO STD 1273,18 (Transmission Oil 97318). This oil type allows 800 000 Km (500,000 mi) oil drain intervals in the "D" and "E" Design Level mDRIVE transmissions in on the road long haul applications with max 80,000 lbs GCW. Oils meeting VOLVO STD 1273,19 (Transmission Oil 97319) can also be used for this purpose.

For service fill, please use MACK mDRIVE Transmission Fluid 75W-80 available in 5 USG or 4 x 1 USG containers.

Should this oil not be available, please use the following approved oils:

<b>Extended drains: Transmission oils 97318 and 97319 (800000 Km [500,000 mi])</b>		
<b>Supplied</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
MACK Trucks Inc	Bulldog mDRIVE Transmission Fluid	75W-80
Castrol Ltd.	Syntrans	75W-85
Chevron Lubricants	Chevron Multigear MTF HD	75W-80
Chevron Lubricants	Chevron Multigear MTF HD	75W-90
Chevron Lubricants	Texaco Multigear MTF HD	75W-80
Mobil Branded Lubricants (ExxonMobil Corp)	Mobil Delvac Synthetic Transmission Oil V 30	75W-80


For other applications than mentioned above, the oil drain interval is maximum 400 000 Km (250,000 mi) (Regular drains). MACK Trucks Inc recommends MACK mDRIVE Transmission Fluid 75W-80 also in these applications. However, should this oil not be available, any other approved oil for extended drains (table above) or regular drains (table below) can be used.

<b>Supplied</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
<b>Regular drains: Transmission Oils 97307 and 97315 (400000 Km [250,000 mi])</b>		
Aral	Aral Getriebeol SNS-A	75W-80
BASF	Emgard MTF 4200	75W-80
BASF	Emgard MTF 4230	75W-80
BASF	Emgard MTF 4250	75W-90
Castrol Ltd.	Syntrans Heavy Duty	75W-90
Gulf Oil International	Gulf Syngear VF	75W-80
Kuwait Petroleum	Q8 Super Gear V	75W-80
OMV Refining & Marketing GmbH	OMV gear oil MPX	75W-80
Raloy Lubricantes SA	Transintex Plus	75W-80
Raloy Lubricantes SA	Transintex Plus HD	75W-90

Supplied	Brand Name	Viscosity Grade
Ravensberger Schmierstoffvertrieb GmbH	RAVENOL SSG Spec Synt LKW Getriebol	75W-80
Renault Truck Oils	Longevia BXI Eco	75W-80
Renault Truck Oils	Longevia BZV Eco	75W-80
Shell International Petroleum Co.	Spirax GSX	75W-80
Shell International Petroleum Co.	Spirax S6 GSME	75W-80
SRS Schmierstoff Vertrieb GmbH	Wintershall Getriebefluid MTS	75W-80
Total Lubricants	Transmission XSV FE	75W-80
Total Lubricants	TPM 97315	75W-90

## Approved Oils, MACK Transmissions

### Transmission Oil Type/Quality

 <b>CAUTION</b>
Only use MACK-approved transmission oil in the MACK transmissions. Using non-approved transmission oil can result in damage to transmission components.

## TO-A Plus Approved Oils

**TO-A Plus Approved Oils are for use in MACK (non-mDrive) transmissions only. These oils are extended life lubricants. These oils are approved as of October 14, 2010.**

Supplier	Brand Name	Viscosity Grade
1 Verco International Inc. (April Super Flo)	Superpro Syn-Trans CD-50	SAE 50
Allied Oil and Supply Company	Allied Mag Synthetic 50	SAE 50
American AGIP	Syntrans CD-50	SAE 50
American Refining Group	Roadranger SAE 50	SAE 50
Anglo Design Pty Ltd.	Anglomoil Road Master Gear 50-S	SAE 50
Bardahl de Mexico S.A. de C.V.	Bardahl Gear Oil Fully Syn SAE 50	SAE 50
Benz Oil	Roadranger SAE 50	SAE 50
BP Lubricants USA, Inc.	Syn-Gear CD 50	SAE 50
	Syntrans 50E	SAE 50
BP Oil New Zealand Limited	Transmission Oil S-CD50	SAE 50
Caltex Oil Pty Ltd.	SYNSTAR GL 50	SAE 50
Castrol Australia Pty Ltd.	SYNDRIVE 50 E	SAE 50
	SYNTRANS 50E	SAE 50
Castrol Heavy Duty Lubricants, Inc.	SynGear CD-50	SAE 50
	Syntrans 50E	SAE 50
Chevron Products Co.	Chevron Delo Synthetic Transmission Fluid SAE 50	SAE 50

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
CHS, Inc.	Maxtron MT SAE 50	SAE 50
Citgo Petroleum Corp,	Citgo Synthetic Gear Lube CD-50	SAE 50
Cognis Australia Pty Ltd.	Emgard SAE 50 Synthetic Transmission Lube	SAE 50
Cognis Corporation	Emgard SAE 50 Synthetic Transmission Lube	SAE 50
Cognis Canada Corp.	Roadranger SAE 50	SAE 50
Cognis GmbH Liason Office-India	Roadranger SAE 50	SAE 50
Cognis Mexicano S.A. de C.V.	Roadranger SAE 50	SAE 50
Comercial Importadora S.A. de C.V	Q.S. Synquest CD-50	SAE 50
Comercial Roshfrans S.A. de C.V	Aceite Gear Plus CD 50	SAE 50
ConocoPhillips Company	Triton® Synthetic Transoil 50	SAE 50
	Kendall SHP® Synthetic Transoil 50	SAE 50
CountryMark Cooperative LLP	Advantage Full Synthetic SAE 50	SAE 50
Crane Carrier Co.	Roadranger SAE 50	SAE 50
Daimler Truck N.A.	Roadranger SAE 50	SAE 50
David Weber Oil Company	Gibraltar Synthetic Gear Lube CD-50	SAE 50
Eaton Corporation	Roadranger SAE 50	SAE 50
ExxonMobil Lubricants & Specialties	Mobil Delvac Synthetic Transmission Fluid 50	SAE 50
Fuchs Lubricants of Australia	Tutela Gear XLD	SAE 50
	Titan Gear Syn 50	SAE 50
Fuchs Lubricants Canada Ltd.	Titan Syndrive 50	SAE 50
General Motors Service Parts	Synthetic Manual Transmission Lubricant # 12345724	SAE 50
Gulf Oil International	Gulf Syngear LL 50	SAE 50
Imperial Oil (Canada)	Mobil Delvac Synthetic Transmission Fluid 50	SAE 50
Industrial Oils Unlimited	Hi-Tek Synthetic SAE 50	SAE 50
International Truck & Engine Corp.	Fleetrite Synthetic SAE 50 Transmission Oil	SAE 50
Irving Oil Ltd.	IDO Synthetic 50	SAE 50
Lubricant Engineers, Inc.	SYNOLEC SAE 50 (650)	SAE 50
MACK Trucks, Inc.	Bulldog Syn Trans Lube SAE 50	SAE 50
MACK Trucks, Inc. - Canada	Roadranger SAE 50	SAE 50
Marathon Petroleum LLC	Marathon Full Synthetic SAE 50	SAE 50
Mexicana de Lubricantes S.A. de C.V.	Akron Vector S MTF SAE 50	SAE 50
Mtrlube International	Roadranger SAE 50	SAE 50
Mystik Lubricants	SX-7000 50	SAE 50
NemCo Resources Ltd.	NEMCO Syntrans 50	SAE 50
Northland Products Co., Inc.	Northland Synergy Synthetic Trans Fluid 50W	SAE 50

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Paccar Parts	Peterbuilt SAE 50 Original Factory Fill Fluid	SAE 50
	Kenworth SAE 50 Original Factory Fill Fluid	SAE 50
Pennzoil	Pennzoil Long Life Transmission Fluid EW-50	SAE 50
Penrite Oil Co. Pty. Ltd.	Penrite Synfleet 50	SAE 50
Petro-Canada Lubricants	Traxon E CD-50	SAE 50
Pinnacle Oil, Inc.	National Full Synthetic SAE 50	SAE 50
Productos Chevron Texaco Mexico S.A. de C.V.	Chevron DELO Synthetic Transmission Fluid SAE 50	SAE 50
	Texaco Ursa Synthetic TL 50	SAE 50
Raloy Lubricantes, S.A. de C.V.	Raloy Transintex Plus SAE 50	SAE 50
Royal Manufacturing Company, LP	Monarch SynGear Plus SAE 50	SAE 50
Schaeffer Manufacturing Co.	Schaeffer 742 Synthetic Lube 50W E/A	SAE 50
Sea Land	Roadranger SAE 50	SAE 50
Shell Company of Australia Ltd.	Shell Spirax® S6 GME 50	SAE 50
	Shell Spirax® GSX SAE 50	SAE 50
Shell International Petroleum Co. Ltd.	Shell Spirax® S6 GME 50	SAE 50
	Shell Spirax® GSX SAE 50	SAE 50
Synergy Additives Company S.A. de C.V.	Synergy Syntech 50	SAE 50
Texas Refinery Corp.	Syntex 2000	SAE 50
Total Lubricants Canada	Transmission SYN SAE 50	SAE 50
Total Lubricants USA Southwest, LLC	Transmission SYN 50	SAE 50
Ultramar Ltd.	Ultramar Synthetic SAE 50	SAE 50
Valvoline Australia Pty Ltd.	Valvoline HD Synthetic Trans Fluid SAE 50	SAE 50
The Valvoline Inc. (Sub. of Ashland Oil, Inc.)	Valvoline HD Synthetic Trans Oil SAE 50	SAE 50
VOLVO Trucks North America	Roadranger SAE 50	SAE 50
	VOLVO Synthetic Transmission Fluid	SAE 50
VOLVO Trucks Canada	Roadranger SAE 50	SAE 50
Warren Oil Company, Inc.	Service Pro Synthetic SAE 50	SAE 50
	Autoguard Fleet Synthetic SAE 50	SAE 50
	Lubriguard Heavy Duty Synthetic SAE 50	SAE 50

## Approved Oils, MACK Components



### CAUTION

Only use MACK-approved oil in MACK components.  
Using non-approved oil can result in damage to MACK components.

## GO-J Approved Oils

**GO-J approved oils are for use in MACK carriers, MACK transfer cases and MACK (non-mDRIVE) transmissions. These oils were approved as of March 11, 2003.**

Supplier	Brand Name	Viscosity Grade
76 Lubricants	76 Syngear SS	75W-140
	76 Triton Synlube EP	80W-140
	76 MP Gear Lube	80W-90, 85W-140
	76 TS MP Gear Lube	80W-90
A. Silogram Lubricants Corp.	Silogram Synthetic 80W-140 Gear Lube	80W-140
Allegheny Petroleum Products Company	Altra Syntec GT-7 80W-140	80W-140
Allied Oil Company	Allied Synthetic EP Gear Lubricant 80W-140	80W-140
Archer Petroleum (Div. of Sunoco, Inc. (R & M))	Archer Super All Gear	85W-140
	Archer Multi-Grade All Gear	80W-90, 85W-140
Benz Oil	Gear Master	80W-90, 85W-140
Black Bear Co., Inc.	SYN-EP Gear Lubricant	80W-140
BP plc	BP Energear HYPO-U	80W-90, 85W-140
	BP Energear SHX-A	80W-140
	BP Energear HYPO-U	80W-90, 85W-140
	BP Hypogear GO-J 80W-90	80W-90
Caltex Lubricants	Synstar GL	80W-140
	Caltex Thuban GL5 EP	80W-90, 85W-140
Caltex Lubricants (Australia)	AMPOL 80W-90 Gear Oil	80W-90
Castrol Ltd.	Castrol Syntrax E	80W-140
	Castrol Syngear 80W-140	80W-140
	Castrol AP Gear Lubricant	80W-90, 85W-140
	Castrol SAF-XM	75W-90
	Castrol GO-J 90	80W-90
Cato Oil and Grease Co.	Mystik Synguard SX-7000 SAE 80W-140	80W-140

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
ChevronTexaco Global Lubricants	Chevron Delo Gear Lubricant ESI	80W-90
	PED 6448	75W-90
	Havoline Gear Oil	80W-90, 85W-140
	Texaco Multigear EP	80W-90, 85W-140
	Chevron RPM Universal Gear Lubricant	80W-90, 85W-140
CITGO Petroleum Corp,	Citgo Premium Gear Oil (MP)	80W-90, 85W-140
	Citgo Synthetic Gear Lubricant	80W-90, 85W-140
Cognis Corporation	Emgard EP Gear Lubricant	80W-140
	Emgard 80W-90 EP Gear Lubricant	80W-90
Compania Texaco de Panama, S.A..	Texaco Multigear Lubricant EP	80W-90, 85W-140
Conoco, Inc.	Universal Gear Lubricant	80W-90, 85W-140
	SYNCON ® HP Synthetic Gear Oil 80W-140	80W-140
D-A Lubricants Company, Inc.	D-A Gearguard II	80W-90, 85W-140
	D-A Geartec	80W-90, 85W-140
David Weber Oil Company	Gibraltar Syn-Gear 80W-140 EP	80W-140
Deltaven S.A. (PDVSA)	TRANSLUB EP	80W-90, 85W-140
Eaton Corporation	Eaton Roadranger EP	80W-140
Esso Branded Lubricants, Exxon Mobil Corp.	Esso Gear Oil GX	80W-90, 85W-140
Ethyl Petroleum Additives, Inc.	HiTEC 7590	75W-90
	HiTEC 0814	80W-140
Exxon Branded Lubricants (ExxonMobil Corp.)	Exxon Gear Oil GX	80W-90, 85W-140
	Exxon SGO 80W-140	80W-140
	WS 3001 Gear Oil	85W-140
	WS 3000 Gear Oil	80W-90
Exxon International	Exxon Gear Oil GX	80W-90, 85W-140
ExxonMobil Chemical Co.	Mobilad SGO-3001	75W-90
	Mobilad SGO-3002	80W-140
	MCGL-519BC	80W-90
	MCGL-520BBD	85W-140
	Mobilad PS163 80W-140	80W-140

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Farmland Industries, Inc.	Maxtron GL	80W-140
Fina Oil and Chemical Co.	Synpro Synthetic Gear Oil 80W-140	80W-140
Fuchs Lubricants of Canada	Titan Syndrive 80W-140	80W-140
Imperial Oil (Canada)	ESSO Gear Oil GX	80W-90, 85W-140
Irving Oil, Ltd.	Syn HDH 80W-140	80W-140
Kendall Motor Oils	Kendall NS-MP Hypoid Gear Lube	80W-90, 85W-140
	Kendall Super Three Star	80W-140
Liqua-Tek, Inc.	H-D Plus	80W-140
Lubemaster, Div of Certified Laboratories	Fina Kappa DHD	80W-140
Lubricantes y Tambores del Ecuador	Texaco Multigear Lubricant EP	80W-90, 85W-140
Lubrication Engineers, Inc.	SYNOLEC Gear Lubricant (#9920)	75W-140
	SYNOLEC Gear Lubricant (#9922)	80W-140
Lubrizol Corp. (The)	Anglamol 6083 LS	75W-90
	OS 173705B	80W-90
	OS 167501	75W-90
	Anglamol 6083A	75W-90
	Anglamol 6055	75W-140
	OS 173369	85W-140
	OS 169963	80W-90
Lyondell Lubricants	HD Gear Oil	80W-90, 85W-140
	Syn HD Gear Oil 80W-140	80W-140
MACK Trucks, Inc.	Bulldog Synthetic Gear Lubricant	80W-140
	Bulldog Thermally Stable Gear Lubricant	80W-90, 85W-140
MACK Trucks, Inc. - Australia	Bulldog GO-J Gear Oil	80W-90
Mobil Branded Lubricants (Exxon Mobil Corp.)	RP-987 BBD-2	85W-140
	Mobilube HD	80W-90, 85W-140
	RP-987 BC-2	80W-90
	Mobilube SHC 80W-140	80W-140
Navistar International Transportation Corp.	Fleetrite	80W-140
Northland Products Co., Inc.	Northland Synergy Synthetic Gear Lubricant	80W-140



<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Pennzoil Products Co.	Pennzoil Gearplus Super-EW 80W-140	80W-140
	Pennzoil Long-Life Heavy Duty Gear Oil	80W-90, 85W-140
	Pennzoil Long-Life Extended Warranty Gear Oil	80W-140, 75W-90
Petro-Canada Lubricants	Gearlube TOS 85W140	85W-140
	Gearlube TOS 80W90	80W-90
	Syngear E 80W-140	80W-140
	Gearlube TOS	80W-90, 85W-140
	Gearlube TOS 75W-90	75W-90
Quaker State Corp.	Quaker State FCI Synthetic Gear Oil	80W-140
	Quaker State FCI GL-5 Gear Oil	80W-90, 85W-140
Raloy Lubricantes, S.A. de C.V.	Raloy Transintex Plus SAE 80W-140	80W-140
Repsol Distribucion, S.A.	Repsol Cartago Multi G	80W-90, 85W-140
Safety Kleen	Safety-Kleen Gear Oil GLX	80W-90
Schaeffer Manufacturing Co.	Schaeffer 740 Synthetic Lube 80W-140	80W-140
Sentinel Canada	SEN SYN EP 80W-140	80W-140
Shell Canada Products Ltd.	Shell Spirax HD	80W-90, 85W-140
Shell International Petroleum Corp.	Shell Spirax MX	80W-90, 85W-140
	Shell Spirax MT	80W-90, 85W-140
Shell Oil Products US	Shell Spirax ® HD	80W-90, 85W-140
	Shell Spirax S	80W-140
	Spirax S 75W-140	75W-140
Sonol Israel Ltd.	Sonol Gear S	75W-90
Sunoco, Inc.	Formula # 200042059	85W-140
Texaco Lubricants USA	Multigear EP	80W-90, 85W-140
	Havoline Gear Oil	80W-90, 85W-140
	Syn-Star GL	75W-90, 80W-140, 75W-140
Texaco Venezuela, Inc.	Texaco Multigear Lubricant EP	80W-90, 85W-140

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Texas Petroleum Company - Colombia	Havoline Gear Oil	80W-90, 85W-140
	Texaco Multigear Lubricant EP	80W-90, 85W-140
Texas Petroleum Company - Peru	Texaco Multigear Lubricant EP	80W-90, 85W-140
Texas Refinery Corp.	LS Energy Saver Gear Lubricant	80W-90, 85W-140
	790 Sure Universal Gear Lubricant	80W-90, 85W-140
	Syntex 2700 Synthetic Gear Lubricant	80W-140
TotalFinaElf Lubrificants S.A.	HRD Longevia PXD 75W-90	75W-90
	TOTAL TRANSMISSION SYN FE 75W-90	75W-90
Troco Oil Co. (Royal Manufacturing Company)	Multi-Gear Select	80W-90, 85W-140
Universal Lubricants, Inc.	Dyna-Plex 21C Galaxy 700	80W-90, 85W-140
	Dyna-Plex 21C Synzol 80W-140	80W-140
Valvoline Australia Pty Ltd.	HP Gear Oil GO-J	80W-90
The Valvoline Company	Valvoline High Performance Gear Oil	80W-90, 85W-140
	Valvoline Heavy Duty Synthetic Gear Lubricant	80W-140
Warren Oil Company, Inc.	Mag 1 High Performance	80W-90, 85W-140
Wright Oil Co. (Royal Manufacturing Company)	Multi-Gear Select	80W-90, 85W-140

## GO-J Plus Approved Oils

**GO-J Plus Approved oils are for use in MACK carriers, MACK transfer cases and MACK (non-mDRIVE) transmissions. These oils are extended life lubricants. These oils are approved as of October 14, 2010.**

Supplier	Brand Name	Viscosity Grade
1 Vecro International Inc. (April Super Flo)	Superpro Syn Gear 75W-90	75W-90
Allied Oil and Supply Company	Allied Mag Synthetic EP 75W-90	75W-90
American AGIP	Syngear EP 75W-90	75W-90
American Refining Group	Roadranger EP 75W-90	75W-90
Bardahl de Mexico S.A. de C.V.	Bardahl Gear Oil Fully Syn GL-5 SAE 75W-90	75W-90
Benz Oil Company	Roadranger EP 75W-90	75W-90
BP Lubricants USA, Inc.	Syn-Gear EP 75W-90	75W-90
	Syntrax E 75W-90	75W-90
Caltex Oil Pty. Ltd.	SYNSTAR GL 75W-90	75W-90
Castrol Australia Pty. Ltd.	SynTrax E 75W-90	75W-90
Castrol Heavy Duty Lubricants, Inc.	Syn-Gear 75W-90	75W-90
	Syntrax E 75W-90	75W-90
Chevron Products Company	Chevron Delo Synthetic Gear Lube 75W-90	75W-90
	Chevron XDTL Gear Oil (PED 6449)	75W-90
CHS, Inc.	Maxtron GL SAE 75W-90	75W-90
	Maxtron Enviroedge GL SAE 75W-90 (FE)	75W-90
CITGO Petroleum Corp,	Citgo Synthetic Gear Lube 75W-90	75W-90
Cognis Australia Pty. Ltd.	Emgard 75W-90 Synthetic Axle Lube	75W-90
	Emgard FE 75W-90 Synthetic Axle Lube (FE)	75W-90
Cognis Corporation	Emgard 75W-90 Synthetic Axle Lube	75W-90
	Emgard FE 75W-90 Synthetic Axle Lube (FE)	75W-90
Cognis Canada Corp.	Roadranger FE 75W-90 (FE)	75W-90
	Roadranger EP 75W-90	75W-90
Cognis GmbH Liason Office - India	Roadranger FE 75W-90 (FE)	75W-90
	Roadranger EP 75W-90	75W-90
Cognis Mexicano S.A. de C.V.	Roadranger EP 75W-90	75W-90
	Roadranger FE 75W-90 (FE)	75W-90
Conoco Phillips	Triton® Synthetic Gear Lube 75W-90	75W-90
	Kendall SHP® Synthetic Gear Lube 75W-90	75W-90
CountryMark Cooperative LLP	Advantage Full Synthetic 75W-90	75W-90
Crane Carrier Co.	Roadranger FE 75W-90 (FE)	75W-90
	Roadranger EP 75W-90	75W-90

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Daimler Truck N.A.	Roadranger FE 75W-90 (FE)	75W-90
	Roadranger EP 75W-90	75W-90
David Weber Oil Company	Gibraltar Synthetic Gear Lube 75W-90	75W-90
Eaton Corporation	Roadranger EP 75W-90	75W-90
	Roadranger FE 75W-90 (FE)	75W-90
ExxonMobil Lubricant and Specialties	Mobil Delvac Synthetic Gear Oil 75W-90	75W-90
Federated Co-Operatives Ltd.	Sonic MP Gear Oil 75W-90	75W-90
Fuchs Lubricants of Australia	Tutela Truck FE Axle	75W-90
Fuchs Lubricants Canada Ltd.	Titan Syndrive 75W-90	75W-90
General Motors Service Parts	Synthetic Axle Lubricant #12345841	75W-90
Gulf Oil International	Gulf Syngear HD 75W-90	75W-90
	Gulf Syngear FE 75W-90 (FE)	75W-90
Imperial Oil Ltd. (Canada)	Mobil Delvac Synthetic Gear Oil 75W-90	75W-90
Industrial Oils Unlimited	Hi-Tek Synthetic SAE 75W-90	75W-90
International Truck & Engine Corp.	Fleetrite Synthetic 75W-90 Gear Oil	75W-90
Irving Oil Ltd.	HDH Synthetic 75W-90	75W-90
Lubricant Engineers, Inc.	SYNOLEC 75W-90 (#9921)	75W-90
MACK Trucks Canada Inc.	Roadranger 75W-90	75W-90
MACK Trucks, Inc.	Bulldog Syn Gear Lube SAE 75W-90	75W-90
Marathon Petroleum LLC	Marathon Full Synthetic 75W-90	75W-90
Mobil Oil Australia Pty. Ltd.	Mobilube SHC 75W-90	75W-90
Mtrlube International	Roadranger 75W-90	75W-90
Mystik Lubricants	SX-7000 75W-90	75W-90
NemCo Resources Ltd.	NEMCO Syngear 75W-90	75W-90
Northland Products Co.	Northland Synergy Synthetic Gear Lube EP 75W-90	75W-90
Paccar Parts	Peterbilt 75W-90	75W-90
	Peterbilt FE 75W-90 Original Factory Fill Fluid (FE)	75W-90
	Kenworth 75W-90	75W-90
	Kenworth FE 75W-90 Original Factory Fill Fluid (FE)	75W-90
Pennzoil	Pennzoil Long Life EW 75W-90	75W-90
	Pennzoil Long Life Syn Gear EW 75W-90 (FE)	75W-90
Petro-Canada Lubricants	Traxon E Synthetic 75W-90	75W-90
Pinnacle Oil, Inc.	National Full Synthetic 75W-90	75W-90
Productos Chevron Texaco Mexico S.A. de C.V.	Chevron DELO Synthetic Gear Lube 75W-90	75W-90
Raloy Lubricantes, S.A. de C.V.	Raloy Transintex Plus EP 75W-90	75W-90
Rosemead Oil Products	Premium Express SAE 75W-90 Gear Oil	75W-90

<b>Supplier</b>	<b>Brand Name</b>	<b>Viscosity Grade</b>
Royal MFG Company, LP	Monarch SynGear Plus SAE 75W-90	75W-90
Schaeffer Manufacturing Co.	Schaeffer 741 Synthetic Lube 75W-90 E/A	75W-90
Sea Land	Roadranger EP 75W-90	75W-90
	Roadranger FE 75W-90 (FE)	75W-90
Shell Company of Australia, Ltd.	Shell Spirax® S6 AXRME 75W-90	75W-90
	Shell Spirax® ASX R 75W-90 (FE)	75W-90
	Shell Spirax® EW 75W-90	75W-90
Shell International Petroleum Co. Ltd.	Shell Spirax® ASX R 75W-90 (FE)	75W-90
	Shell Spirax® S6 AXRME 75W-90	75W-90
	Shell Spirax® EW 75W-90	
Synergy Additives Company S.A. de C.V.	Synergy Syntech 75W-90	75W-90
Texas Refinery Corp.	Syntex 2700 SAE 75W-90	75W-90
Total Lubricants Canada	Transmission SYN FE 75W-90 (FE)	75W-90
	Transmission SYN NA 75W-90	75W-90
Total Lubricants USA Southwest, LLC	Transmission SYN NA 75W-90	75W-90
	Transmission XRD FE 75W-90 (FE)	75W-90
Ultramar Ltd.	Ultramar Synthetic 75W-90	75W-90
Valvoline Australia Pty. Ltd.	Valvoline HD Synthetic Gear Oil	75W-90
Valvoline, Inc. (Sub. of Ashland Oil, Inc.)	Valvoline HD Synthetic Gear Oil EP 75W-90	75W-90
VOLVO Trucks Canada	Roadranger 75W-90	75W-90
VOLVO Trucks North America	Roadranger EP 75W-90	75W-90
	Roadranger FE 75W-90 (FE)	75W-90
	VOLVO Synthetic Gear Oil 75W-90	75W-90
Warren Oil Company, Inc.	Autoguard Fleet Synthetic 75W-90	75W-90
	Lubriguard Heavy Duty Synthetic 75W-90	75W-90
	Service Pro Synthetic 75W-90	75W-90