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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.

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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	15W-40
49 North Lubricants	Premium Plus 7000	15W-40
Abu Dhabi National Oil Company	ADNOC Global Ultra	15W-40
Advanced Lubrication Specialities, Inc.	Advantage CJ-4 Premium Plus	15W-40
Allegheny Petroleum Products Company	Altra Fleet	15W-40
Allied Oil Company	Allied MTX Plus	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 Agip Company, Inc.	All-Guard XHD-7	15W-40
	Syn-Guard	5W-40
American Refining Group, Inc.	Brad Penn HD Premium Plus	15W-40
Atlantic Lubricants, Pty Ltd.	Euro Diesel V	15W-40
	Pro Diesel	15W-40
Bardahl de Mexico, S.A. de C.V.	Bardahl Super Diesel Oil API CJ-4/SM	15W-40
	Motron Super Diesel Oil API CJ-4/SM	15W-40
Behnke Lubricants, Inc. / JAX	Titan	15W-40
Benz Oil Company	Diesel XT	15W-40
BG Products, Inc.	BG Extra Duty	15W-40
Black Bear Company, Inc.	SHD Motor Oil	15W-40
	SHDX Motor Oil	15W-40
BP Plc	Vanellus Multi-Fleet ECO	15W-40
Bucher AG Langenthal	Motorex Focus CF	15W-40
Cam2 Oil Products Company, Inc.	Cam2 Super HD Premium Plus (07)	15W-40
Castrol, Ltd.	Castrol Elixion ¹	5W-30
	Castrol Enduron Global	10W-40
	Castrol Hypuron	15W-40
	Castrol Tecton Extra	15W-40
	Castrol Tecton Global ES	15W-40
Caterpillar, Inc.	CAT DEO-ULS	15W-40
CEPSA Lubricants, S.A.	CEPSA Eurotech MS	15W-40
Champion Brands, LLC	Champion All Fleet T	15W-40
Chemlube International, Inc.	Chemlube Premium Multi-Fleet CJ-4/SM	15W-40

Supplier	Brand Name	Viscosity Grade
Chevron Global Lubricants	Caltex Delo® 400 LE	15W-40
	Chevron Delo® 400 LE® ¹	10W-30
	Chevron Delo® 400 LE®	15W-40
	Chevron Delo® 400 LE Synthetic®	5W-40
	Chevron URSA® Super Plus EC®	15W-40
	Texaco URSA® Ultra ¹	10W-30
	Texaco URSA® Ultra	15W-40
CHS, Inc. (Cenex)	Cenex MAXTRON DEO	15W-40
	Cenex Enviro-Edge	5W-40
CITGO Petroleum Corporation	CITGARD 700 Synthetic Blend	15W-40
	CITGARD SynDurance Plus Synthetic	5W-40
	Mystik JT-8 SHD	15W-40
	Mystik JT-8 Synthetic	5W-40
Coastal Blending & Packaging	IDO Premium Plus	15W-40
Colorado Petroleum Products Company	Rugged 400 CJ-4	15W-40
Comercial Importadora, S.A. de C.V.	Super Series Advanced SS	15W-40
Comercial Roshfrans, S.A. de C.V.	Diesel Voltro Plus API CJ-4/SM	15W-40
ConocoPhillips	Fleet Supreme EC	15W-40
	Guardol ECT	15W-40
	Kendall SHP Diesel Full Synthetic	5W-40
	Kendall Super-D XA	15W-40
	Triton ECT Full Synthetic	5W-40
Cross Oil Marketing & Refining, Inc.	Cross SynGard® Fleet	15W-40
	Gard® Fleet	15W-40
	Xtreme® Fleet	15W-40
D-A Lubricant Company	Reliant J-4	15W-40
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 Oil Corporation, Ltd.	Delek Turbo Oil CJ-4	15W-40
Dennis K. Burke, Inc.	Fleetline Superfleet	15W-40
Detroit Diesel Corporation	Detroit Diesel Genuine Motor Oil	15W-40
Distribuidora Nicaraguense de Petroleo (DNP)	Sureguard Super Fleet	15W-40
Emirates National Oil Company	ENOC Vulcan 880X CJ-4	15W-40
EPTECH Corporation	Polytron	15W-40
EuroI BV	EuroI Globence	15W-40
Federated Co-Operatives, Ltd.	D-MO Gold	15W-40
Ford Motor Company	Motorcraft Super Duty Motor Oil	15W-40

¹This oil does NOT meet EO-N Premium Plus quality standards.

Supplier	Brand Name	Viscosity Grade
Fuchs Europe Schmierstoffe GmbH	Titan Cargo	15W-40
Georg OEST Mineralolwerk GmbH & Company KG	OEST Dimo TOP LS	15W-40
Getty Petroleum Marketing, Inc.	Getty HDT Premium Plus	15W-40
Ginouves SAS	York 949	15W-40
Growmark, Inc.	Archer Premium Arpeco	15W-40
	FS Suprex Gold ESP	15W-40
	United Premium Fleet	15W-40
Gulf Oil International	Gulf Supreme Duty XLE ²	10W-30
	Gulf Supreme Duty XLE	15W-40
Gulf Oil Limited Partnership	Gulf Super Duty Plus	15W-40
Hicks Oil	Formula 500	15W-40
	Nature's Choice	15W-40
HiTec Oil Traders, Pty Ltd.	HiTec Fleetmaster CJ-4	15W-40
Hydrotex	HyFilm LEO	5W-40
Imperial Oil, Ltd.	Mobil Delvac 1300 Super ²	10W-30
	Mobil Delvac 1300 Super	15W-40
	Esso XD-3 Extra	15W-40
	Esso XD-3 Extra ²	10W-30
JSC NK Select	Select Lubricants Power Ultimate	15W-40
Kost USA	ToughinAL HD	15W-40
Kuwait Petroleum	Q8 T760 ²	10W-30
	Q8 T760	15W-40
Lantmannen Energi	Agrol Evo Truck	15W-40
LLK Finland Oy, Oy Teboil Ab	Teboil Super HPD ECV	15W-40
LongRider Lubricants	LongRider™ Motor Oil CJ-4	15W-40
Lubricantes de America, S.A. de C.V.	Gonher Super Fleet	15W-40
	Lubral Super Diesel	15W-40
Lubrication Engineers	Monolec® Ultra Engine Oil	15W-40
Marathon Oil Company	Multipower-3 Ultra	15W-40
Mexicana de Lubricantes, S.A. de C.V.	Akron Ultra Clear Plus CJ-4	15W-40
Minerva Oil SAS	Long Way	15W-40
Mobil Branded Lubricants (Exxon Mobil Corp.)	Mobil Delvac 1 ESP	5W-40
	Mobil Delvac 1300 Super ³	10W-30
	Mobil Delvac 1300 Super	15W-40
	Mobil Delvac Elite	15W-40
	Mobil Fleet	15W-40
	Mobil Delvac MX ESP	15W-40

²This oil does NOT meet EO-N Premium Plus quality standards.

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Supplier	Brand Name	Viscosity Grade
MOI-LUB, Plc.	MOL Dynamic Global Diesel	15W-40
Morris Lubricants	Morris Ring Free Ultra	15W-40
Neste Markkinointi Oy	Neste Turbo CJ-4	15W-40
NEW-PROCESS® AG	Dallas US	15W-40
North American Lubricants	CleanFleet HD	15W-40
Northeast Products	Greenlube	15W-40
Northland Products Company	Superline	15W-40
	Synergy Synthetic Express	5W-40
ORLEN Oil Sp. z o.o.	Platinum Ultor Futuro	15W-40
	Platinum Ultor Max	5W-40
Paz Lubricants & Chemicals	Paz Perfect CJ-4	15W-40
Petro-Canada Lubricants	Duron-E ³	10W-30
	Duron-E	15W-40
	Duron-E XL	15W-40
	Duron-E Synthetic	5W-40
	Duron-E Synthetic	10W-40
Pinnacle Oil, Inc.	Fleetpro Ultra	15W-40
Prista Oil EAD	Super SHPD	15W-40
Quaker State (Mexico)	Super Series Advanced SS	15W-40
Raloy Lubricantes, S.A. de C.V.	Raloy Diesel Leader V4	15W-40
Ravensberger Schmierstoffvertrieb GmbH	Ravenol Low Emission Truck	15W-40
Royal Manufacturing Company, LP	Diesel Supreme Ultra	15W-40
Royal Purple, Inc.	Royal Purple High Performance CJ-4	15W-40
Safety-Kleen Corporation	America's Choice XHD-7	15W-40
	Ecopower	15W-40
	Performance Plus XHD-7	15W-40
Schaeffer Manufacturing	#700 Supreme 7000	15W-40
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 Synthetic	5W-40
	Shell Rotella® T Triple Protection	15W-40
	Shell Rotella® T3	15W-40
	Shell Rotella® T5 ³	10W-30
	Shell Rotella® T5	10W-40
	Shell Rotella® T6	5W-40
Smeermiddelen-Industrie De Olibron B.V.	Tor Truck Line LSP	15W-40
SK Energy Company, Ltd.	ZIC XQ 5000	15W-40

Supplier	Brand Name	Viscosity Grade
Smitty's Supply, Inc.	Sureguard Super Fleet	15W-40
Statoil Lubricants	MaxWay E9	15W-40
SRS Schmierstoff Vertrieb GmbH	SRS Turbo-Rekord Plus	15W-40
Texas Refinery Corp.	ProSpec IV Engine Oil	15W-40
TOTAL Lubricants USA, Inc.	Total Rubia TIR 7900	15W-40
	Total Rubia TIR 7900 FE ³	10W-30
	Elf Performance Harmony FE ³	10W-30
	RTO Maxima CRX ECO ³	10W-30
Ultramar, Ltd.	Odyssey XLD Synthetic	5W-40
	Ultramar Quest	15W-40
Unil Opal	Pallas 725	15W-40
United Oil Company	Duralene Dura-Max	15W-40
	Duralene Dura-Max SB	15W-40
Universal Lubricants, Inc.	Dyna-Plex 21C Durazol HC	15W-40
Valvoline Company	Premium Blue	15W-40
	Premium Blue Extreme	5W-40
Valvoline Europe	All Fleet Extra LE	15W-40
Vial Oil, Ltd.	Consol Premium Plus	15W-40
Volvo Truck Corp.	Volvo Diesel Engine Oil VDS-4 ⁴	10W-30
	Volvo Diesel Engine Oil VDS-4	15W-40
Volvo Trucks North America	Volvo Premium Motor Oil	15W-40
Wal-Mart Canada, Inc.	SUPERTECH Premium Diesel Engine Oil	15W-40
Warren Distribution	MAG 1 CJ-4	15W-40
Warren Oil Company, Inc.	Lubriguard™ CJ-4/SM	15W-40
	Lubriguard™ Synthetic	5W-40
	Warren CJ-4	15W-40
Windward Petroleum	Naviguard Premium Fleet	15W-40

⁴This oil does NOT meet EO-N Premium Plus quality standards.

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
MACK Canada, Inc.	MACK Pedigree Engine Oil	15W-40
MACK Trucks, Inc.	Bulldog EO-N Premium Plus 03	15W-40
76 Lubricants	76 Guardol QLT	15W-40
	76 Royal Triton QLT	15W-40
	76 T5X Heavy Duty Motor Oil	15W-40
Advanced Lubrication Specialties, Inc.	Advantage Premium Plus	15W-40
Allegheny Petroleum Products Company	Altra Fleet Premium Plus 03	15W-40
Allied Oil Company	Allied DTX Plus	15W-40
Amalie Oil Company	Amalie Super XLO	15W-40
	Rallye Extra Duty	15W-40
	US Lubricants Extra Duty	15W-40
	US Lubricants Super Diesel Extra Duty	15W-40
	Value Tech Extra Duty	15W-40
	Xcel Extra Duty	15W-40
	XLO Ultimate	15W-40
American Agip Company, Inc.	All-Guard Premium	15W-40
American Refining Group	Gulf Super Duty Plus	15W-40
	Brad Penn HD Premium Plus	15W-40
Amsoil, Inc.	Amsoil PCO	15W-40
April Super Flo	Bramco Gold	15W-40
	Superpro RXL Gold	15W-40
Bardahl de Mexico, S.A. de C.V.	Bardahl Super Diesel Oil CI-4 Plus	15W-40
Behnke Lubricants, Inc.	Titan Motor Oil	15W-40
Benz Oil	Diesel XT	15W-40
BG Products, Inc.	Extra Duty	15W-40
Black Bear Company, Inc.	Black Bear SHD	15W-40
	Black Bear SHDX	15W-40
Boss Lubricants	Boss EXQ Plus Diesel Engine Oil	15W-40
CAM2 Oil Products Company	CAM2 Super HD Premium Plus	15W-40
Castrol, Ltd.	Castrol Agri Power Plus	15W-40
	Castrol Enduron S	15W-40
	Castrol Hypuron S	15W-40
	Castrol Tecton Extra	15W-40
	Castrol Tecton Global ES	15W-40
	Castrol Tecton HD	15W-40
Caterpillar, Inc.	CAT DEO	15W-40

Supplier	Brand Name	Viscosity Grade
Champion Brands, LLC	Champion Brands All Fleet T	15W-40
	Champion Brands All Fleet T TBN 13.2	15W-40
Chemlube International, Inc.	Chemlube Premium Multi-Fleet Engine Oil	15W-40
Chevron Global Lubricants	Caltex Delo® 400 Multigrade	15W-40
	Chevron Delo® 400 Multigrade	15W-40
	Texaco URSA® Super Plus	15W-40
ChevronTexaco Global Lubricants	Chevron Delo® 400 Synthetic	15W-40
	Chevron RPM Heavy Duty Motor Oil	15W-40
	Texaco URSA® Premium TDX	15W-40
	Texaco URSA® Premium TDX Synthetic	15W-40
CHS, Inc. (Cenex)	Cenex Maxtron DEO	15W-40
	Cenex Superlube TMS	15W-40
CITGO Petroleum Corp,	CITGO Citgard 600 CJ-4	15W-40
	Mystik JT-8 Super Heavy Duty	15W-40
Comercial Importadora, S.A. de C.V.	Super Series Advanced CJ-4/SL	15W-40
Conoco, Inc.	Conoco HD Fleet Supreme Engine Oil	15W-40
	Conoco Hydroclear Power-D	15W-40
D-A Lubricants Company, Inc.	Excelon EBS M	15W-40
	Reliant M	15W-40
David Weber Oil Company	Gibraltar Super S-3	15W-40
	Gibraltar Super S-3 LD	15W-40
	Gibraltar Ultra	15W-40
Deere & Company	Plus 50	15W-40
Exxon Branded Lubricants (ExxonMobil Corp.)	Exxon XD-3 Elite	15W-40
	Exxon XD-3 Extra	15W-40
Farm Oyl	Premiere 2000	15W-40
Federal Chile Petrolera, LTDA	Federal Maxxum Premium Plus	15W-40
Federated Co-Operatives, Ltd.	D-MO	15W-40
Finning Canada	Finning Surecraft	15W-40
Fuchs Lubricants Company	Titan Unimax Plus	15W-40
G.C. Quality Lubricants, Inc.	GC Challenger 4000 II	15W-40
Getty Marketing, Inc.	Getty Premium Plus	15W-40
Growmark	Suprex Gold	15W-40
Gulf Oil International	Gulf Supreme Duty LE	15W-40
Hydrotex	Hyfilm Max	15W-40
	Hyfilm Supreme	15W-40
Imperial Oil, Ltd.	Esso XD-3 Extra	15W-40
Irving Oil, Ltd.	IDO Premium	15W-40
Kendall Motor Oils	Kendall SHP	15W-40
	Kendall Super-D 3	15W-40

Supplier	Brand Name	Viscosity Grade
Kost USA	KOSTGard II MTX	15W-40
Lubricants USA	Fina Kappa DHD	15W-40
	Fina Universal Plus XL	15W-40
Lubrication Engineers, Inc.	8888 Monolec® EGR Plus	15W-40
Marathon Ashland Petroleum, LLC	Multipower-3 Plus	15W-40
McCollister & Company	Archer Premium Arpeco™	15W-40
	United Super Premium	15W-40
Mid-Town Petroleum	AllFleet Premium Plus	15W-40
Mobil Branded Lubricants (Exxon Mobil Corp.)	Mobil Delvac 1	15W-40
	Mobil Delvac 1300 Super	15W-40
	Mobil Delvac MX Extra	15W-40
MotorCraft	MotorCraft Super Duty Engine Oil	15W-40
Nemco Resources, Ltd.	Nemco Super Blue	15W-40
	Nemco Super DEO	15W-40
Newalta	Mohawk Ultra Plus	15W-40
Northland Products Company	U.S. Oil Super Duty	15W-40
	Superline	15W-40
Pennzoil-Quaker State Canada, Inc.	Pennzoil Long Life	15W-40
	Quaker State FCI HDX Universal	15W-40
Petro-Canada Lubricants	Duron	15W-40
	Duron XL Synthetic Blend	15W-40
Phillips 66	Phillips Super HD 3000	15W-40
	Phillips Super HD II	15W-40
Pinnacle Oil	FleetPro Plus	15W-40
Pinnacle Resources, Inc.	Special HDMO Plus	15W-40
Raloy Lubricantes, S.A. de C.V.	Raloy Diesel Extra Performance	15W-40
Royal Lube	Royal Lube Ultra	15W-40
Royal Manufacturing Company, LP	Diesel Supreme Premium Plus	15W-40
	Royal Premium Plus 03	15W-40
Royal Purple	LongRider™	15W-40
	Royal Purple	15W-40
Safety Kleen	America's Choice PLD-3	15W-40
	Performance Plus PLD-3	15W-40
Schaeffer Manufacturing	#700 Supreme 7000	15W-40
Searle Petroleum	Galco Plus	15W-40
Severus, Inc.	SevFleet	15W-40
Shell International Petroleum Corp.	Kenworth CI-4 Plus	15W-40
	Q Torque Diesel 4X4	15W-40
	Rotella® T2	15W-40
	Shell Rotella® T Synthetic	15W-40

Supplier	Brand Name	Viscosity Grade
Silogram Lubricants Corp.	DynaPak I LD	15W-40
Texas Refinery Corp.	Pro-Spec III	15W-40
The United Oil Company, Inc.	Duralene Dura-Guard	15W-40
	Duralene Ultra-Guard	15W-40
The Valvoline Company	All-Fleet Plus	15W-40
	Premium Blue®	15W-40
	Premium Blue® Classic	15W-40
U.S. Oil Company	Diesel Supreme Gold	15W-40
Ultramar, Ltd.	Ultramar Odyssey XLD	15W-40
	Ultralube Super Plus	15W-40
	Ultramar Superplus Ultralube	15W-40
United Farmers of Alberta (Co-op)	UFA Super	15W-40
Universal Lubricants, Inc.	Dezol	15W-40
	Dyna-Plex 21C Durazol HC	15W-40
	Dyna-Plex 21C Friction Shield SHPD	15W-40
Warren Oil Company, Inc.	Lubriguard™ CI-4 Plus	15W-40
	Warren CI-4 Plus	15W-40
Warren-Unilube	Coastal CI-4 Plus	15W-40
YPF, S.A.	Extra Vida XV 300	15W-40

Approved Oils, MACK *m*DRIVE Transmissions

Transmission Oil Type/Quality



CAUTION

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



CAUTION

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

MACK *m*DRIVE transmissions are factory filled with Castrol Syntrans SAE 75W-85 synthetic oil. Castrol Syntrans SAE 75W-85 synthetic oil is approved for extended oil drain intervals in *m*DRIVE transmissions.

ExxonMobil 97307 spec synthetic oil is also approved for use in the *m*DRIVE transmissions. The ExxonMobil 97307 spec oil is fully compatible for top off, etc. with the Castrol Syntrans 75W-85 factory fill oil and provides the regular oil drain interval in all *m*DRIVE transmissions.

Approved Oils, MACK Transmissions

Transmission Oil Type/Quality



CAUTION

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-*m*Drive) 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

Supplier	Brand Name	Viscosity Grade
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
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

Supplier	Brand Name	Viscosity Grade
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 Syntrex 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

Supplier	Brand Name	Viscosity Grade
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

Supplier	Brand Name	Viscosity Grade
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
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

Supplier	Brand Name	Viscosity Grade
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
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

Supplier	Brand Name	Viscosity Grade
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 Lubrifiants 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
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

Supplier	Brand Name	Viscosity Grade
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
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

Supplier	Brand Name	Viscosity Grade
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