

This Service Bulletin replaces SB 175-61, "Approved Oils, Volvo Components" dated 04.2010.

Date	Group	No.	Release	Page
2.2011	175	61	03	1(9)

Approved Oils
Volvo Components

Approved Oils, Volvo Components

This Service Bulletin identifies the oil requirements and lists the companies offering oil types and qualities required for Volvo components.

For oil change intervals, refer to Service Bulletin 175-60, Oil and Filter Change Intervals for Volvo Components.

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

Contents

- "Approved Oils, Volvo Engines", page 2
- "Approved Oils, Volvo Transmissions", page 9

Approved Oils, Volvo 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 emissions requirements of 2007 and later are designed with exhaust aftertreatment systems requiring a new engine oil quality. This has lead Volvo to require an oil that meets VDS-4 quality standards for model year 2007 and later Volvo engines. The VDS-4 quality standard is based on the newly developed API CJ-4 engine oil specification, but has additional performance requirements essential to adequately protect the Volvo 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.

VDS-4 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 Volvo engines and are recommended for earlier engines.

Supplier	Brand Name	Viscosity Grade
Volvo Truck Corp.	Volvo Diesel Engine Oil VDS-4 ¹	10W-30
	Volvo Diesel Engine Oil VDS-4	15W-40
Volvo Trucks North America	Volvo Premium Motor Oil ¹	10W-30
	Volvo Premium Motor Oil	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
AIOD (Association of Independent Oil Distributors) AIOD (Association of Independent Oil Distributors)	PURUS Full Synthetic	5W-40
	PURUS Synthetic Blend	15W-40
Allegheny Petroleum Products Company	Altra 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 Lubricants Co.	Premium Nu-Spex Engine Oil	15W-40
American Refining Group, Inc.	Brad Penn HD Premium Plus	15W-40
Arab Investments Manufacturing & Trading Company Ltd.	Panther Diesel TurboCharger	15W-40
Aral Mineralöl AG	MegaTurboral VR	10W-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
BayWa AG	Tectrol Super Truck VD Plus 1540	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
Bucher AG Langenthal	Motorex Focus CF	15W-40
Cam2 Oil Products Company, Inc.	Cam2 Super HD Premium Plus (07)	15W-40
	Synavex Ultra HD 5W-40 CJ-4/SM	5W-40
Carl Harms	Oilfino Econ T 7600	15W-40

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

Supplier	Brand Name	Viscosity Grade
Castrol, Ltd.	Castrol Elixion ²	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
Champion Chemicals N.V.	Champion Ecofleet Extra MS 15W-40	15W-40
Chemlube International, Inc.	Chemlube Premium Multi-Fleet CJ-4/SM	15W-40
Chevron Global Lubricants	Caltex Delo® 400 LE	15W-40
	Chevron Delo® 400 LE® ²	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 ²	10W-30
	Texaco URSA® Ultra	15W-40
CHS, Inc. (Cenex)	Cenex MAXTRON DEO	15W-40
	Cenex Enviro-Edge	5W-40
	Cenex Superlube TMS	15W-40
CITGO Petroleum Corporation	CITGARD 700 Synthetic Blend	15W-40
	Mystik JT-8 SHD	15W-40
	Mystik JT-8 Synthetic	5W-40
Coastal Blending & Packaging	IDO Premium Plus	5W-40
	IDO Premium Plus	15W-40
Colorado Petroleum Products Company	Rugged 400 CJ-4	15W-40
Comercial Roshfrans, S.A. de C.V.	Diesel Voltro Plus API CJ-4/SM	15W-40
	Aceite Sintetico Voltro® Americanfleet	5W-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

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

Supplier	Brand Name	Viscosity Grade
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 Lube Oil Co Ltd	National Performax Gold Plus	15W-40
Emirates National Oil Company	ENOC Vulcan 880X CJ-4	15W-40
Eni R & M Divisione SpA Rom	Agip Sigma Truck E9	15W-40
ENI USA R&M Co Inc	All-Guard XHD 7	15W-40
	Syn-Guard	5W-40
EPTECH Corporation	Polytron	15W-40
Eurol BV	Eurol Globence	15W-40
Federated Co-Operatives, Ltd.	D-MO Gold	15W-40
Ford Motor Company	Motorcraft Super Duty Motor Oil	15W-40
Fuchs Europe Schmierstoffe GmbH	Titan Cargo	15W-40
	Titan Cargo	5W-40
GB Lubricants	GB Intercooler LSC	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 ³	10W-30
	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 ³	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
Idemitsu Kosan Ltd	UD Engine Oil VDS-4/DH-2 ³	10W-30
	Megamulti VDS-4/DH-2 ³	10W-30
IGOL France	Protruck 400X ³	10W-30
Imperial Oil, Ltd.	Mobil Delvac 1300 Super ³	10W-30
	Mobil Delvac 1300 Super	15W-40

³This oil does NOT meet EO-N Premium Plus quality standards.

Supplier	Brand Name	Viscosity Grade
Japan Energy Corporation	Mega Multi VDS-4/DH-2 ³	10W-30
Jiangsu Lopal Petrochemical Company Co Ltd	Lopal V990	15W-40
JSC NK Select	Select Lubricants Power Ultimate	15W-40
Kenworth	ALLLube Ultra	15W-40
Kuwait Petroleum	Q8 T760 ³	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
Lubricantes de America, S.A. de C.V.	Gonher Super Fleet	15W-40
	Lubral Super Diesel	15W-40
Lubricants UK Limited	BP Vanellus Multi-Fleet Eco	15W-40
	Castrol Tecton Global ES	15W-40
Lubrication Engineers	Monolec® Ultra Engine Oil	15W-40
Mack Trucks, Inc.	Mack Bulldog EO-O Premium Plus	15W-40
	Mack Bulldog EO-O Premium Plus ³	10W-30
Marathon Oil Company	Multipower-3 Ultra	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 SAS	Long Way	15W-40
Mobil Branded Lubricants (Exxon Mobil Corp.)	Mobil Delvac 1 ESP	5W-40
	Mobil Delvac 1300 Super ⁴	10W-30
	Mobil Delvac 1300 Super	15W-40
	Mobil Delvac Elite	15W-40
	Mobil Fleet	15W-40
	Mobil Delvac MX ESP	15W-40
MOL-LUB, Plc.	MOL Dynamic Global Diesel	15W-40
Morris Lubricants	Morris Ring Free Ultra	15W-40
Motul SA	Motul Tekma Premia +	5W-40
Neste Markkinointi Oy	Neste Turbo CJ-4	15W-40
NEW-PROCESS® AG	Dallas US	15W-40
North American Lubricants	CleanFleet HD	15W-40
	Suregard Super Fleet	15W-40
	PureGreen Extra-Duty	15W-40
Northeast Products	Greenlube	15W-40
Northland Products Company	Superline	15W-40
	Synergy Synthetic Express	5W-40
Oel-Brack AG	Midland Maxtra	15W-40
OMV Refining & Marketing GmbH	OMV Truck Blue ⁴	10W-30
	OMV Truck Blue	15W-40

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

Supplier	Brand Name	Viscosity Grade
OOO LLK-International	Lukoil Avantgarde Professional LA	15W-40
ORLEN Oil Sp. z o.o.	Platinum Ultor Futuro	15W-40
	Platinum Ultor Max	5W-40
Paramo a.s.	Mogul Diesel L-SAPS	15W-40
Paz Lubricants & Chemicals	Paz Perfect CJ-4	15W-40
	Paz Perfect Dan	15W-40
Petro-Canada Lubricants	Duron-E ⁴	10W-30
	Duron-E	15W-40
	Duron-E XL	15W-40
	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
Petronas Lubricants Belgium NV	Sunoco Heavy Duty Atlas HPD	5W-40
	Sunoco Heavy Duty Supreme 15W-40	15W-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
Repsol YPF Lubricantes Y Especialidas,S.A.	Repsol Diesel Turbo THPD MID SAPS	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 ⁵	10W-30
	Shell Rimula R5 LE	10W-40
	Shell Rotella® T Triple Protection	15W-40
	Shell Rotella® T3	15W-40
	Shell Rotella® T5 ⁵	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
Slider SA	Taurus V4	15W-40

⁵This oil does NOT meet EO-N Premium Plus quality standards.

Supplier	Brand Name	Viscosity Grade
Smitty's Supply, Inc.	Sureguard Super Fleet	15W-40
Sonol Israel Ltd	Titan Premium	15W-40
Statoil Lubricants	MaxWay E9	15W-40
Syneco S.p.A.	Syneco VD IV	15W-40
Synergy Petroleum and Lubricants Pty Ltd	5 StarFeet SAE 15W-40 CJ-4	15W-40
SRS Schmierstoff Vertrieb GmbH	SRS Turbo-Rekord Plus	15W-40
Teboil Ab	Teboil Super HPD ECV	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 ⁵	10W-30
	Total Caprano TDJ	15W-40
	Elf Performance Harmony FE ⁵	10W-30
	RTO Maxima CRX ECO ⁵	10W-30
Triangle Business Ltd	TB Fort M-31	15W-40
Trinidad & Tobago National Petroleum marketing Co Ltd	Ultra Duty	15W-40
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 Synzol HDEO	5W-40
	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
Vroman NV	Ardeca Pro-Tec Ultra	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
Windward Petroleum	Naviguard Premium Fleet	15W-40
Wolf Oil Corporation NV	Wolf Masterlube Ecomiles Extra MS 15W-40	15W-40
Yacco SA	Transpro 40S FE ⁵	10W-30

VDS-2 and EO-N Premium Plus Approved Oils

Note: These oils are only approved for engines meeting the emission requirements of 2004 and older Volvo engines and are NOT approved for model year 2007 and later Volvo engines.

Supplier	Brand Name	Viscosity Grade
76 Lubricants	76 Guardol QLT	15W-40
Castrol Heavy Duty Lubricants	Tection HD	15W-40
Chevron Texaco Global Lubricants	Delo 400	15W-40
	Chevron RPM	15W-40
	Texaco Ursa Super Plus	15W-40
Coastal Blending & Packaging	IDO Premium	15W-40
ConocoPhillips	Phillips Super HD II	15W-40
Kendall Motor Oil (ConocoPhillips)	Kendall Super-D 3	15W-40
Mack Trucks, Inc.	Bulldog EO-N Premium Plus	15W-40
Mobil Branded (Exxon Mobil Corporation)	Delvac 1	5W-40
	Delvac MX	15W-40
Shell International Petroleum Company	Rotella® T2	15W-40

Approved Oils, Volvo Transmissions

Transmission Oil Type/Quality

 **CAUTION**

Only use Volvo-approved synthetic transmission oil in the I-Shift transmission. Using non-approved transmission oil can result in damage to transmission components.

 **CAUTION**

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

Volvo I-Shift transmissions are factory filled with Castrol Syntrans SAE 75W-85 synthetic oil.

ExxonMobil 97307 spec synthetic oil is approved for use in the I-Shift transmissions (Volvo Part Number 85111057 or 85111058). 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 I-Shift transmissions.

Castrol Syntrans SAE 75W-85 synthetic oil (Volvo Part Number 85121104) is approved for extended oil drain intervals in "D" Design Level I-Shift transmissions.