



# 018-003 Lubricating Oil Recommendations and Specifications

smc-11-68  
 cmd-11-08  
 smc-11-81  
 vwm-11-01

## General Information

The use of quality engine lubricating oils, combined with appropriate oil drain and filter change intervals, is a critical factor in maintaining engine performance and durability.

On Volkswagen™ engines that used lower pressure unit injector fuel systems, the 506 00 0W30 oil was the recommended oil in the Legacy Volkswagen™ Owner's manual. This oil has been difficult to obtain worldwide and the latest recommendation now is that 507 00 and 505 00 5W30 can be used with all of the Cummins MerCruiser Diesel™ TDI marine engines including the lower pressure unit injectors and the common rail fuel systems.

Attached is a list of approved oils brands and their trade name that is available to use with these engines and meets the Volkswagen Specifications.

Oil Company	Trade Name	SAE Class	VW™ Standard
Addino	Addinol Mega Light MV0539LE™	SAE 5W-30	507 00
Agip	Agip 7008™	SAE5W-30	507 00
Autol	Autol Carrera LongLife III™	SAE5W-30	507 00
Aral	Aral SuperTronic LongLife III™	SAE5W-30	507 00
Astris	Astris Matro L-3™	SAE5W-30	507 00
Avia	Aviasynth 5W-30 LongLife 3™	SAE5W-30	507 00
BP	BP Visco 7000 LongLife III™	SAE5W-30	507 00

BucherAG	Motorex Profile V-XL™	SAE5W-30	507 00
Castrol	Castrol EDGE™	SAE5W-30	507 00
Castrol	Castrol SLX LongLife III™	SAE5W-30	507 00
Castrol	Castrol TXT 507 00™	SAE5W-30	507 00
Castrol	Castrol SLX Professional Powerflow VW LongLife III™	SAE5W-30	507 00
Castrol	Castrol SLX LongLife III Topup™	SAE5W-30	507 00
Cepsa	Cepsa Star TDI Synth™	SAE5W-30	507 00
De Oliebron	Tor Extendo™	SAE5W-30	507 00
Elf	Elf Solaris LLX™	SAE5W-30	507 00
Elf	Elf Excellium TDI™	SAE5W-30	507 000
Eurol	Eurol Syntence LongLife™	SAE5W-30	507 000
Fuchs	Fuchs TITAN GT1 LongLife III™	SAE5W-30	507 000
Galp Energia	Galp Formula LongLife III™	SAE5W-30	507 000
Gamaparts	Gamaparts Super LongLife III™	SAE5W-30	507 000
Gulf Oil	Gulf Formula GVX™	SAE5W-30	507 000
Hunold	Eurolub Cleantec™	SAE5W-30	507 000
Kuwait Petroleum	Q8 Formula V LongLife™	SAE5W-30	507 000
LiquiMoly	TopTec 4200™	SAE5W-30	507 000
Meguin	Megol Motorenol Compatible™	SAE5W-30	507 000

Mobil	Mobil 1 ESP Formula™	SAE5W-30	507 000
Mobil	Mobil SHC Formal V™	SAE5W-30	507 000
Mol	MOL Dynamic Gold LongLife™	SAE5W-30	507 000
Motul	MOTUL Specific 50400 50700™	SAE5W-30	507 000
MRD	MotorGOLD LongLife III™	SAE5W-30	507 000
Neste Oil	Neste City Pro W LongLife III™	SAE5W-30	507 000
New-Process AG	NewProcess eco syn Plus™	SAE5W-30	507 000
OMV	OMV eco extra™	SAE5W-30	507 000
Panolin	Panolin Avanis Sv-X™	SAE5W-30	507 000
Pentosin	Pento Super Performance III™	SAE5W-30	507 000
Repsol	Repsol Elite LongLife 50700/50400™	SAE5W-30	507 000
Rowe	HIGHTEC ECOSYNT LongLife III™	SAE5W-30	507 000
Shell	Shell Helix Ultra VX™	SAE5W-30	507 000
Shell	Shell Pennzoil Platinum VX™	SAE5W-30	507 000
Shell	Q European Engine VX™	SAE5W-30	507 000
Shell	Shell Helix Ultra LX™	SAE5W-30	507 000
Shell	Q Diesel Plus™	SAE5W-30	507 000
Shell	Shell Helix Ultra Ap™	SAE5W-30	507 000
Shell	Shell Helix Ultra Extra™	SAE5W-30	507 000

Slovnaft	Madit Gold LongLife™	SAE5W-30	507 000
SRS Schmierstoff Vertrieb	Wintershall ViVA1 SLV plus™	SAE5W-30	507 000
Statoil	Statoil LazerWay LL™	SAE5W-30	507 000
SWD	swd Primus DPF™	SAE5W-30	507 000
Techno	Tecar Motorenol 504 00/507 00™	SAE5W-30	507 000
Texaco	Havoline Ultra V™	SAE5W-30	507 000
Total	Total Quartz Ineo 504-507™	SAE5W-30	507 000
Total	Total Activa INEO™	SAE5W-30	507 000
Total	Gulf Progress Intensia™	SAE5W-30	507 000
Unil Opal	Opaljet Energy 3™	SAE5W-30	507 000
Valvoline	Valvoline SynPower XL - III™	SAE5W-30	507 000
VAPS	Vapsoil 507 00™	SAE5W-30	507 000
Volkswagon	Volkswagon LongLife III™	SAE5W-30	507 000
Zeller+Gmelin	Divinol Syntholight 03™	SAE5W-30	507 000

Special "break-in" oils are **not** recommended for use in new or rebuilt Cummins MerCruiser Diesel™ TDI engines. Use the same lubricating oil that will be used in normal engine operations

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