

Section 1 Service and maintenance

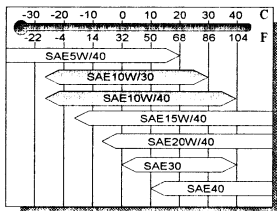
Group 16 Lubrication

Engine oil, grade	Petrol engines:	Diesel engines:
According to API	Lowest SG*	
According to CCMC	Class G4 / G5 *	
According to ACEA	A2-96 Turbocharged engines: A3-96	B3 and higher

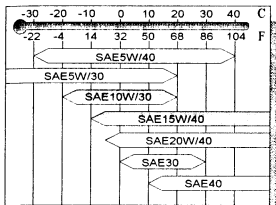
* Oils with the specification SG/CC and SG/CD meet this specification.

Viscosity (stable air temperature)

Petrol engines



Note! In extreme driving conditions resulting in high oil consumption (when driving in mountains using engine braking a lot or high speed motorway driving for example) SAE 15W/40 or SAE 20W/40 is recommended.



A1000017

Diesel engines

Synthetic or semi-synthetic oils may be used if they meet the above specifications.

Volvo does not recommend the use of oil additives as they can diversely effect engine service life.

Note! In extreme driving conditions resulting in high oil consumption (when driving in mountains using engine braking a lot or high speed motorway driving for example) SAE 15W/40 or SAE 20W/40 is recommended.

Note the lower temperature limit.

Oil volume (litres):			
Engine type	Excluding oil filter	Including oil filter	Volume difference max - min, approximately
B 5XX2 S	5.3	5.8	1.5
B 5XX4 SX	5.3	5.8	1.5
B 5XX4 TX	5.3	5.8	1.5
D 5252 T	5.5	6.0	1.5

Manual gearbox:		
Lubrication, synthetic	Volvo P/N.	11 61 423 (1 litre/1.06 US qt)
Oil change volume M56L/H, M58L		2.1 litre/2.2 US qt)
Tightening torques for oil plugs	Nm	27 - 40

Automatic gearbox:		
AW50-42		
Dexron III with G license number: G-34 003	Volvo P/N (1 litre)	11 61 521
AW55-50		
Only recommended special oil may be used		11 61 540
Volvo P/N (1 litre)		
Oil volume AW50-42		7.6 litre/8 US qt)
Oil volume AW55-50		7.5 litre/8 US qt)
Oil change volume (only draining)	approximately	3.0 litre/3.17 US qt

S/V70

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AWD Bevel gear:		
Lubricating oil, synthetic hypoid oil	Volvo P/N (0.75 litre)	11 61 513
Oil change quantity	litre	0.75

AWD Final drive 1165:		
Lubricating oil, type	Final drive oil	
Grade, with automatic differential lock (Eaton)	API-GL-5(6) or MIL-L-2105 B(C).	
	Low-friction oil.	
Volvo P/N	(0.5 litre)	11 61 329-6
Oil change quantity	litre	1.35

Steering gear:		
Lubricants:		
Type: Grease	Volvo P/N.	11 61 001
Volume	grammes	100
Power steering fluid, power steering gear:		
Oil type: Entosin, CHF:		
Power steering fluid	Volvo P/N.	11 61 529
Volume	litres	0.9