

Section 1 Service and maintenance

Group 17 Service

Oil grade:	Petrol engines:	Diesel engines:
According to API	SJ, SL	CH-4
According to ACEA	A1 Turbocharged engines: A3	B4
According to Global DLD ...	diesel only	DLD-3

Oil grade

Petrol engines: ACEA A1

Oil meeting ACEA A3 specifications can also be used.

Note that the same oil can meet both ACEA A1 and ACEA B1 specifications.

This applies whether the oil is mineral, semi-synthetic or fully synthetic.

Diesel engines: ACEA B4.

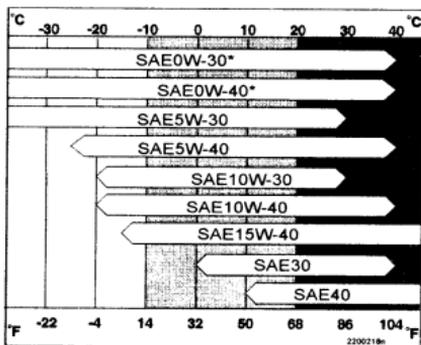
Oil meeting ACEA B3 specifications can also be used.

Note that the same oil can meet the specifications for ACEA A3, ACEA B3 and ACEA B4.

This applies whether the oil is mineral, semi-synthetic or fully synthetic.

Do not use oil additives. Additives may damage the engine.

Volvo fully synthetic engine oil is recommended for turbocharged petrol and diesel engines.



Viscosity

(assumes constant air temperature.)

In extreme driving conditions resulting in abnormally high oil consumption, for example when driving in mountains with excessive engine braking or high-speed motorway driving, ACEA A3 grade oil is recommended (petrol engines).

* Oils with a viscosity of 0W-30 and 0W-40 must meet the ACEA A3 requirements (petrol engines).

Oil volume litres/US quarts:				
Engine type:	Including oil filter	Volume difference max – min, approximately	Volvo P/N:	Viscosity
B 52X4 TX	5.5	1.5	11 61 631 Fully synthetic ACEA A3/B3/B4 (4 litres/4.2 qts) 11 61 630 Fully synthetic ACEA A3/B3/B4 (1 litres/1.06 qts)	5W-40
D5244 T	5.85	2.0	11 61 709 Fully synthetic ACEA A3/B3/B4 (4 litres/4.2 qts) 11 61 465 Fully synthetic ACEA A3/B3/B4 (1 litres/1.06 qts)	0W-30
B6294 T	6.0	2.0	11 61 631 Fully synthetic ACEA A3/B3/B4 (4 litres/4.2 qts) 11 61 630 Fully synthetic ACEA A3/B3/B4 (1 litres/1.06 qts)	5W-40

If the oil level is at MIN fill with:

- 1 litres

Automatic gearbox: AW 55-XX

Oil grade:	
Only recommended special oil may be used	
Volvo P/N (1 litres/1.06 qts)	11 61 540
Volvo P/N (4 litres/4.2 qts)	11 61 640
Oil volume	7.1 litres/7.5 qts
Oil change volume (only draining) approximately	3.0 litres/3.17 qts

Automatic gearbox: 4T65 AWD

Oil grade:	
Only recommended special oil may be used	

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Volvo P/N (1 litres/1.06 qts)	11 61 521
Volvo P/N (4 litres/4.2 qts)	11 61 621
Oil capacity:	7.5 litres/7.9 qts
Oil change volume (only draining) approximately	3.0 litres/3.17 qts

Steering gear

Lubricants:		
Grease	Volvo P/N.	11 61 669
Power steering fluid, power steering gear		
Oil type: Pentosin, CHF:		
Power steering fluid	Volvo P/N.	11 61 529
Quantity		1.0 litres/1.05 qts

The oil does not normally need to be changed.

Brake and clutch fluid

Quality:		DOT 4+
Volume:	litres	0.6

Change oil every other year

Washer fluid

Quantity:	litres	4.5
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