

## Section 1 Service and maintenance

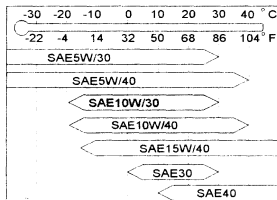
### Group 16 Lubrication

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

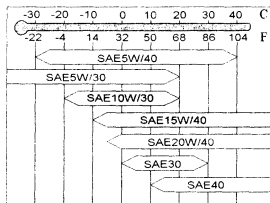
\* Oils designated SG/CC and SG/CD comply with this specification.

Viscosity (constant air temperature):

The upper diagram shows the values that apply to petrol engines. The lower diagram shows the values that apply to diesel engines



A1/20033



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

Note the lower temperature limit.

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

**Note!** In extreme driving conditions which cause abnormally high oil consumption (mountain roads, or high speed motorway driving), SAE 15W/40 or SAE 20W/40 is recommended.

<b>Oil capacity</b> litres/US quarts:				
Engine type:	Excluding oil filter	Including oil filter	Volume difference max – min, approximately	Volvo P/N:
B 52X4 TX	5.3/5.6	5.8/6.1	1.5/1.6	11 61 466 (4 litres/4.2 US quarts) 11 61 465 (1 litres/1.06 US quarts)
D 5252 T	5.5/5.8	6.0/6.3	1.5/1.6	11 61 466 (4 litres/4.2 US quarts) 11 61 465 (1 litres/1.06 US quarts)

## Transmission, manual: M56 and M58L

Transmission fluid, synthetic ..... Volvo P/N.	11 61 423 (1 litres/1.06 US quarts)
Transmission fluid volume:	
M56 .....	2.1 litres/2.2 US quarts
M58 .....	2.1 litres/2.2 US quarts
Tightening torques for oil plugs .....	27 - 40 Nm/20 - 29.5 ft.lb.

## Transmission, automatic: AW 55-50

Oil grade: AW 55-50: Only the special recommended transmission fluid may be used Volvo P/N (1 litres/1.06 US quarts) .....	11 61 540
Oil capacity: AW 55-50 .....	7.1 litres/7.5 US quarts
Transmission fluid volume (draining only): AW 55-50 ....., approximately	3.0 litres/3.17 US quarts

## Steering gear

Lubricants:	
Grease ..... Volvo P/N	11 61 001
Quantity .....	100 grammes/ 3.5 ounces
Power steering fluid, power steering gear	
Oil type: Entosin, CHF:	
Power steering fluid ..... Volvo P/N	11 61 529
Quantity .....	0.9 litres/0.95 US quarts