

# Product Information

A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.



## Valvoline All-Fleet Motor Oil

### Description

Valvoline All-Fleet Motor Oils are premium quality mono-grade heavy duty lubricants formulated for use in most diesel and petrol engines.



### Advantages

- Engineered to provide optimum performance and extra protection for engines operating under severe service demands.
- Suitable for petrol and turbo charged diesel units, including modern low emission diesel engines.
- High quality "Mixed Fleet" lubricant required in a wide variety of service conditions, e.g. stop-and-go driving, on-and-off road operation.
- High temperature piston control.
- Inhibited against foaming, thickening, oxidation, low temperature sludging and TBN loss.
- Provides valve train and ring wear protection, good soot dispersancy.
- S.A.B.S. APPROVED lubricant and is a mark bearing product

### Approvals / Performance Levels

API service CD/CD-11/SG  
MIL-L-2104E  
Caterpillar TO-2  
CCMC D4/PD2  
MAN 270  
MACK EO-K2  
Allison C3/C4  
Mercedes Benz P227  
S.A.B.S. 1516/1517

### Properties

Test	SAE 10W	SAE 30	SAE 40
Kin Vis @ 100°C (cSt)	6.0	12.0	14.9
Kin Vis @ 40°C (cSt)	35.0	106.0	145.0
Viscosity Index	105	102	100
Density @ 20°C	0.870	0.887	0.889
Total Base No.	7.4	7.4	7.4
Pour Point (°C)	-30	-18	-18
Zinc	0.13	0.13	0.13

This information only applies to products manufactured in the following location(s):

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Pages:	Code:
8/27/04	N/A	12/99	WAR	1	

# Valvoline®