

# Product Information

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



## Valvoline All-Fleet Extra 15W-40

### Description

Valvoline All-Fleet Extra 15W-40 is a super high performance diesel motor oil (SHPD) for use in extra heavy duty, turbo charged industrial and truck engines.



### Advantages

- Meets long-drain requirements of the world's leading truck manufacturers.
- Blend is Premium Base Stock and High Quality Additive Chemistry.
- TBN is high with superior TBN retention.
- Exhibits excellent oxidation inhibition and detergency resulting in high temperature piston deposit control.
- Other in service benefits are low foaming, minimum thickening and low temperature sludging.
- Excellent wear control and soot dispersancy ensuring maximum engine output is maintained far longer.
- Provides real performance in stop-and-go, as well as on-and-off road operation in construction and mining applications.
- Petrol and naturally aspirated diesel engines are adequately catered for in "mixed-fleet" operation.
- S.A.B.S. APPROVED lubricant and is a mark bearing product.

### Approvals / Performance Levels

API CH-4 / CG-4 / CF-4 / CF / SJ  
MIL-L-2014E  
Cummins CES 20076/7,  
MAN271/3275, Mack EO-M  
Mercedes Benz P228.3, VW 505, Volvo VDS-3  
Caterpillar TO-2, Allison C4, Scania LDF  
ACEA E-5-99, ACEA A2-96, B3-98, E3-96.  
S.A.B.S. 1517

### Properties

Test	Typical Property
SAE	15W-40
Kin Vis @ 100°C cSt	14.3
Kin Vis @ 40°C cSt	106
Viscosity index	135
Density @ 20°C	0.833
Total Base No.	9.5
Flash Point, C.O.C. °C	215
Pour Point °C	-21
Sulfated Ash	1.5

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

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Pages:	Code:
09/2004	N/A	12/99	WAR	1	

# Valvoline®