



Mobil Delvac XHP™ Extra 10W-40

Mobil Commercial Vehicle Lube , Taiwan

Extra High Performance Diesel Engine Oil

Product Description

Mobil Delvac XHP Extra 10W-40 is an extra high performance diesel engine oil engineered to provide outstanding lubrication to modern, high performance engines used in severe on and off-highway applications. This diesel engine oil is designed using high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control, and fuel economy improvement. These base oils are enhanced with an advanced additive system, provides a high level of protection to all parts of the engine. Mobil Delvac XHP Extra 10W-40 is engineered to provide the long oil drain intervals in modern engines.

Features and Benefits

High output, low emission engines significantly increased demands on engine lubricants. Tighter engine designs reduce oil consumption, resulting in less fresh oil required to replenish depleted additives. Thermal stresses on the lubricant are increased with the use of inter-coolers and turbochargers. Higher fuel injection pressure retarded timing improve burn efficiency, but also increase engine temperatures, volatility, and soot loading of the oil. The advanced technology in Mobil Delvac XHP Extra 10W-40 delivers exceptional performance in both modern diesel engines as well as older models. The key benefits include:

Features	Advantages and Potential Benefits
Outstanding protection against oil thickening, high temperature deposits, sludge build-up, oil degradation and corrosion.	Reduced wear and long engine life. Outstanding control of high temperature deposits.
Reduced engine scuffing and bore polishing protection	Excellent protection against ring sticking
Extended TBN reserve	Long-term deposit/wear control. Extended oil drain potential.
Excellent low temperature properties	Improved pumpability and oil circulation. Start-up wear protection.
Start-up wear protection. Low volatility.	Helps to reduce viscosity breakdown and oil consumption under heavy high temperature operating conditions.
Excellent Viscosity Index	Wide range of engine and temperature applications

Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered engines built by European and Japanese manufacturers.
- On-highway light and heavy-duty trucking.
- Off-highway industries including: construction, mining, quarrying, and agriculture.

Specifications and Approvals

This product has the following approvals:
Mack EO-M Plus

This product has the following approvals:

Mack EO-N

MAN M 3277

MB-Approval 228.5

MB-Approval 235.27

MTU Oil Category 3

RENAULT TRUCKS RLD-2

VOITH RETARDER Oil Class A

VOLVO VDS-3

This product is recommended for use in applications requiring:

API CF

Cummins CES 20072

RENAULT TRUCKS RLD

VOLVO VDS-2

This product meets or exceeds the requirements of:

ACEA E4

ACEA E7

RENAULT TRUCKS RXD

Scania LDF-3

Properties and Specifications

Property	
Grade	SAE 10W-40
Density @ 15 C, g/ml, ASTM D4052	0.867
Ash, Sulfated, mass%, ASTM D874	1.9
Flash Point, Cleveland Open Cup, °C, ASTM D92	226
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	13.0
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	89
Pour Point, °C, ASTM D97	-42
Total Base Number, mgKOH/g, ASTM D2896	15.9

Property	
Viscosity Index, ASTM D2270	151

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>
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