



## Mobil Delvac XHP™ Extra 10W-40

Mobil Commercial Vehicle Lube , Netherlands

Extra High Performance Diesel Engine Oil

### Product Description

Mobil Delvac XHP Extra 10W-40 is a synthetic extra high performance diesel engine oil engineered to provide outstanding lubrication to modern, high performance diesel 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, which provides a high level of protection to all parts of the engine. Mobil Delvac XHP Extra 10W-40 is engineered to provide long oil drain intervals in modern diesel 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 makeup to replenish depleted additives. Thermal stresses on the lubricant are increased with the use of inter-coolers and turbochargers. Higher fuel injection pressure and 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
Stay-in-grade shear stability Low volatility	Helps to reduce viscosity breakdown and oil consumption under heavy duty, 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:**

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MAN M 3277

MB-Approval 228.5

MB-Approval 235.27

MTU Oil Category 3

VOITH RETARDER Oil Class A

VOLVO VDS-3

VOLVO VDS-2

ZF TE-ML 04C

ZF TE-ML 23A

Mack EO-N

Mack EO-M Plus

RENAULT TRUCKS RLD-2

Scania LDF-3

**This product is recommended for use in applications requiring:**

API CF

Cummins CES 20072

RENAULT TRUCKS RLD

**This product meets or exceeds the requirements of:**

RENAULT TRUCKS RXD

ACEA E7

ACEA E4

**Properties and Specifications**

Property	
Grade	SAE 10W-40
Ash, Sulfated, mass%, ASTM D874	1.9
Density @ 15 C, g/ml, ASTM D4052	0.867
Flash Point, Cleveland Open Cup, °C, ASTM D92	226

Property	
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	13.0
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	89
Pour Point, °C, ASTM D97	-42
Total Base Number, mgKOH/g, ASTM D2896	15.9
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>.

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EXXONMOBIL LUBRICANTS & SPECIALTIES EUROPE, A DIVISION OF EXXONMOBIL PETROLEUM & CHEMICAL, BVBA (EMPC)

POLDERDIJKWEG

B-2030 Antwerpen

Belgium

Automotive products: 0800 0229118

Industrial products: 0800 0229120

Fax: 0800 0229222

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