



## Mobil Delvac XHP Extra 10W-40

### 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:

<b>Features</b>	<b>Advantages and Potential Benefits</b>
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

<b>Mobil Delvac XHP Extra 10W-40 meets or exceeds the requirements of:</b>	
ACEA E7/E4	X
Renault Trucks RXD	X

<b>Mobil Delvac XHP Extra 10W-40 has the following builder approvals:</b>	
MAN M 3277	X
MB-Approval 228.5	X
MB-Approval 235.27	X
Volvo VDS-3 /VDS-2	X
MTU Oil Category 3	X
Scania LDF-3/LDF-2	X
ZF TE-ML 04C	X

<b>Mobil Delvac XHP Extra 10W-40 is recommended by ExxonMobil for use in applications requiring:</b>	
Cummins CES 20072	X
API CF	X

## Typical Properties

<b>Mobil Delvac XHP Extra 10W-40</b>	
SAE Grade	10W-40
Viscosity, ASTM D 445	
cSt @ 40°C	89
cSt @ 100°C	13.0
Viscosity Index, ASTM D 2270	149
Sulfated Ash, wt%, ASTM D 874	1.9
Total Base # , mg KOH/g, ASTM D 2896	15.9
Pour Point, °C, ASTM D 97	-42
Flash Point, °C, ASTM D 92	226
Density @ 15°C kg/l, ASTM D 4052	0.867

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Swiss Use: Toxicity class: free

BAG T No.: 611500

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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