



## Mobil Delvac XHP ESP M 10W-40

Mobil Commercial Vehicle Lube, Italy

Emission System Protection Diesel Engine Oil

### Product Description

Mobil Delvac XHP ESP M 10W-40 is a synthetic extra high performance diesel engine oil engineered to provide lubrication to modern, high performance, low emissions engines used in severe applications. This engine oil is designed using high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention and volatility control. The new advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF). Its specifications and approvals allow Mobil Delvac XHP ESP M 10W-40 to target mixed fleet applications.

### Features and Benefits

High output, low emission engines significantly increase demands on engine lubricants. Tighter engine design, use of inter-coolers, and turbochargers increase thermal stresses on the lubricant. Low emission engine technologies such as higher fuel injection pressure, retarded timing and aftertreatment devices all require improved oil performance in areas such as oxidation stability, soot dispersancy, volatility and compatibility with aftertreatment devices. The advanced technology in Mobil Delvac XHP ESP M 10W-40 delivers exceptional performance, long drain interval capability and protection of exhaust systems including those fitted with Diesel Particulate Filters (DPF). The key benefits include:

Features	Advantages and Potential Benefits
Outstanding protection against oil thickening, high temperature deposits, sludge build-up and, oil degradation	Provides capability for long drain intervals Helps to protect against ring sticking
Excellent anti-wear, anti-scurf properties and bore polishing and corrosion protection.	Helps to towards long engine life <sup>1</sup>
Stay-in-grade shear stability. Very low volatility	Helps to reduce viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions
Low ash, sulfur and phosphorous levels	Helps to protect exhaust systems devices like those fitted with DPF
Excellent low temperature properties	Helps to improve pumpability and oil circulation

<sup>1</sup> Well formulated oils, like Mobil Delvac, that meet or exceed industry or OEM specifications, can help protect engines. Consult OEM for optimum fluid selection. Actual results may vary depending on OEM requirements, type of engine and its maintenance, application and service conditions, and prior lubricant used.

### Applications<sup>2</sup>

- Heavy Duty Diesel Engines including Euro V/VI Modern Low Emissions Vehicles, Utilizing Technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR)
- Heavy Duty Diesel Engines using low sulfur diesel fuels and many biodiesel fuel formulations
- Naturally Aspirated and Turbo-Charged Diesel Powered Equipment
- On-Highway Short-Haul and Long-Haul Trucks and Buses
- Off-Highway Mining, Construction and Agricultural Equipment

<sup>2</sup> Please refer to the owners handbook for OEM application requirements and oil drain intervals for your vehicle or equipment

### Specifications and Approvals

Mobil Delvac XHP ESP M 10W-40 meets or exceeds the requirements of:	
ACEA E9/E7/E6/E4	X
API CJ-4/ CI-4 Plus/ CI-4	X
JASO DH-2	X
DAF Extended Drain	X
Cummins CES 20081	X
CAT ECF-3	X

Mobil Delvac XHP ESP M 10W-40 has the following builder approvals:	
MB-Approval 228.51	X
MAN M 3477/ M 3271-1	X
MTU Oil Category 3.1	X
Volvo VDS-4/ VDS-3	X
Renault Truck RLD-3/ RLD-2	X
Deutz DQC IV-10 LA	X
Avtodisel YaMZ-7-17	X
MACK EO-O Premium Plus	X

Mobil Delvac XHP ESP M 10W-40 is recommended by ExxonMobil for use in applications requiring:	
Renault Trucks RXD/ RGD	X
MAN M 3575	X
Scania Low Ash	X

## Typical Properties

Mobil Delvac XHP ESP M 10W-40	
SAE Grade	10W-40
Viscosity, ASTM D 445	
mm <sup>2</sup> /s @ 40°C	89.3
mm <sup>2</sup> /s @ 100°C	13.8
Viscosity Index, ASTM D 2270	157

Mobil Delvac XHP ESP M 10W-40	
Sulfated Ash, wt%, ASTM D 874	1.0
Total Base #, mg KOH/g, ASTM D 2896	12.8
Pour Point, °C, ASTM D 97	-36
Flash Point, °C, ASTM D 92	236
Density @ 15°C kg/l, ASTM D 4052	0.860

## 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, or will be provided by seller to customers if and as legally required. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Mobil, Delvac, the Mobil logotype, and the Pegasus design are trademarks of Exxon Mobil Corporation, or one of its subsidiaries.

05-2018

Esso Italiana s.r.l.

Via Castello della Magliana 25

00148, Roma, Italia

800.011723

<http://www.exxonmobil.com>

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)

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

Energy lives here™

**ExxonMobil**



© Copyright 2003-2017 Exxon Mobil Corporation. All Rights Reserved.