



## Mobil Delvac XHP™ LE 10W-40

Mobil Commercial Vehicle Lube , Singapore

Extra High Performance Diesel Engine Oil

### Product Description

Mobil Delvac XHP LE 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 the 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 prolong the life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF). The DPF is used by several truck builders to fulfill emission requirements of Euro IV and Euro V.

### 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 LE 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<br>Helps to protect against ring sticking                          |
| Excellent anti-wear, anti-scuff properties and bore polishing and corrosion protection.                        | Helps to promote long engine life   |
| 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<br>Start-up wear protection                                    |

### Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered equipment made by European manufacturers.
- Modern heavy-duty engines including those fitted with DPF (Diesel Particulate Filter).
- On-highway light and heavy-duty trucking and off-highway modern equipment.

### Specifications and Approvals

|  |
|--|
| <b>This product has the following builder approvals:</b> |
| DEUTZ DQC IV-10 LA                                       |

**This product has the following builder approvals:**

MTU Oil Category 3.1

Ford WSS-M2C944-A

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

MAN M 3277 CRT

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

API CI-4

DAF Extended Drain

RENAULT TRUCKS RGD

RENAULT TRUCKS RXD

ZF TE-ML 04C

RENAULT TRUCKS RLD-2

VOLVO VDS-3

**Properties and Specifications**

| Property   |            |
|--|------------|
| Grade  | SAE 10W-40 |
| Ash, Sulfated, mass%, ASTM D874                            | 1          |
| Density @ 15 C, g/ml, ASTM D4052                           | 0.865      |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 228        |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 13         |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 85         |
| Pour Point, °C, ASTM D97                                   | -39        |
| Total Base Number, mgKOH/g, ASTM D2896                     | 12         |
| Viscosity Index, ASTM D2270                                | 153        |

**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.aspx>

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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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