Mobil Delvac XHP™ LE 10W-40

Mobil Commercial Vehicle Lube , Switzerland

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 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 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

This product has the following builder approvals:
DEUTZ DQC IV-10 LA

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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, mm2/s, ASTM D445	13
Kinematic Viscosity @ 40 C, mm2/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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EXXONMOBIL LUBRICANTS & SPECIALTIES EUROPE, A DIVISION OF EXXONMOBIL PETROLEUM & CHEMICAL, BVBA (EMPC)
POLDERDIJKWEG
B-2030 Antwerpen
Belgium

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