

Mobil Delvac XHP LE 10W-40

Extra High Performance Diesel Engine Oil

Product Description

Mobil Delvac XHP LE 10W-40 is a synthetic blend, extra high performance diesel engine oil engineered to provide lubrication to modern, high performance, low emissions engines used in severe on-highway applications. This engine oil is designed using the highest performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control and fuel economy improvement. The new advanced additive system has been expertly engineered to help prolong the life and maintain the efficiency of emission reduction systems as DPF (Diesel Particulate Filter). This system (DPF) is used by some truck builders to fulfil emission requirements of Euro IV and future Euro V.

Features and Benefits

High output, low emission engines significantly increased demands on engine lubricants. Tighter engine design reduces 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 LE 10W-40 delivers exceptional performance and protection of exhaust systems fitted with DPF (Diesel Particulate Filter). The key benefits include:

Features	Advantages and Potential Benefits
Outstanding protection against oil thickening, high temperature deposits, sludge build-up, oil degradation and corrosion Excellent anti-wear and anti-scuff properties	Reduced wear and extended engine life Outstanding control of high temperature deposits Extended oil life above OEM recommended Oil Drain Intervals (ODI) Excellent protection against ring sticking
Stay-in-grade shear stability Very low volatility	Reduces viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions
Advanced high temperature/high shear viscosity	Reduced engine scuffing and bore polishing protection
Excellent low temperature properties	Improved pumpability and oil circulation Start-up wear protection Improved low-temperature sludge control in stop-and-go service

Applications

- Naturally aspirated and turbo-charged diesel powered equipment made by European manufactures
- On-highway light and heavy-duty trucking
- Modern heavy-duty engines equipped with DFP (Diesel Particulate Filter).



Specifications and Approvals

Mobil Delvac XHP LE 10W-40 meets or exceeds the following industry specifications:

	10W-40
ACEA E6	X
ACEA E4	X

Mobil Delvac XHP LE 10W-40 has the following builder approvals:

	10W-40
MB 228.51	X
MB 228.5	X
MAN 3477	X
MAN 3277 (CRT)	X

Typical Properties

Mobil Delvac XHP LE 10W-40

	10W-40
SAE Grade	10W-40
Viscosity, ASTM D 445	
cSt @ 40°C	85
cSt @ 100°C	13,3
Viscosity Index, ASTM D 2270	153
Sulfated Ash, wt%, ASTM D 874	1,0
Total Base #, mg KOH/g, ASTM D 2896	11,5
Pour Point, °C, ASTM D 97	-30
Flash Point, °C, ASTM D 92	200
Density @ 15°C kg/l, ASTM D 4052	0,865

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.

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