Mobil Delvac MX Extra 10W-40

Extra High Performance Diesel Engine Oil

Product Description

Mobil Delvac MX Extra 10W-40 is a synthetic blend heavy-duty engine oil that provides excellent lubrication of today's diesel and gasoline engines operating in severe applications to keep engines cleaner and extend engine life. As a result, this product is recommended for European, Japanese and American engines. Mobil Delvac MX Extra 10W-40 is engineered with a blend of advanced technology base stocks and additive system to provide a strong foundation for oxidation resistance, soot handling, and wear control supplemented with superior piston deposit control and reduced sludge formation to keep engines cleaner resulting in extended engine life. The viscosity and multigrade characteristics provide excellent cold cranking and oil pumpability at low temperatures.

Features and Benefits

High output, low emission diesel engines significantly increase the demands on engine lubricants. Tighter engine designs reduce oil consumption, resulting in less fresh oil make-up to replenish depleted additives. Top piston rings are located higher on the piston bringing the oil film closer to the combustion chamber where higher temperatures increase thermal stress on the lubricant. Higher fuel injector pressure and retarded timing improve exhaust emission control, but also increase engine temperatures and increase soot loads. Mobil Delvac MX Extra 10W-40 is formulated from high performance base oils and a superior balanced additive system to provide optimum engine performance in modern diesel and gasoline engines as well as older models. Key benefits include:

Features	Advantages and Potential Benefits
Increased thermal and oxidation stability	Reduced sludge build-up, deposits, and extended oil and engine life
Enhanced wear protection	Extended component and engine life
Improved corrosion protection	Reduced bearing wear to extend overhaul intervals
Advanced piston deposit control	Keeps engines cleaner with reduced maintenance costs and extended engine life
Advanced soot handling to control viscosity increase, sludge build up, and filter pressure	Enhanced engine protection to extend engine life
Enhanced low temperature pumpability	Faster start up with reduced wear operating in low temperature climates

Applications

- Naturally aspirated and turbo-charged diesel powered engines built by European, Japanese, and American manufacturers
- On-highway light and heavy-duty trucking including mixed fleets with gasoline engines and cars
- Off-highway industries including: mining, construction, quarrying, and agriculture

Specifications and Approvals

Mobil Delvac MX Extra 10W-40 Meets or Exceeds the following industry specifications	
ACEA E7/E5/E3/B4/B3/A2	X
API CI-4/CH-4/CG-4/CF-4/CF/SL/SJ	X

Mobil Delvac MX Extra 10W-40 has the following builder approvals:	
Daimler Chrysler MB 228.3/229.1	X
Cummins CES 20078/7/6/2/1	X
Mack EO-M Plus	X
Volvo VDS-2/VDS-3	X
MAN M3275	X
Renault RLD	X
MTU Type 1 (Open crankcase only - 500 hr ODI)	X
Detroit Diesel 7SE 270 (4 stroke cycle)	X

Typical Properties

Mobil Delvac MX Extra 10W-40	10W-40
Viscosity, ASTM D 445	
cSt @ 40ºC	93
cSt @ 100ºC	14.2
Viscosity Index, ASTM D 2270	135
Sulfated Ash, wt%, ASTM D 874	1.2
Total Base, mg KOH/g, ASTM D 2896	11.4
Pour Point, ºC, ASTM D 97	-33
Flash Point, ºC, ASTM D 92	215
Density @ 15ºC kg/l, ASTM D 4052	0.864

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 on. 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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