Mobil Delvac MX™ 20W-50

Mobil Commercial Vehicle Lube , Vietnam

Extra High Performance Diesel Engine Oil

Product Description

Mobil Delvac MX 20W-50 is an extra high performance diesel engine oil that provides excellent lubrication of today's diesel engines promoting long engine life. It is recommended by ExxonMobil for use in a wide variety of industries, applications, and mixed fleets.

This product provides outstanding performance in both modern, demanding low-emission diesel engines and older diesel engines operating on low or high sulphur fuel. Mobil Delvac MX 20W-50 combines a blend of high performance base stocks with a progressive additive system to provide superior control of oil thickening due to soot build-up and high temperatures as well as outstanding resistance to oxidation, corrosion, and high temperature deposits.

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 fire 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. Increased fuel injector pressure and retarded timing improve fuel burn efficiency, but also increase engine temperatures and increase soot loads. Mobil Delvac MX 20W-50 is formulated from high performance base oils and a balanced additive system to provide optimum engine performance in modern diesel engines as well as older models. The key benefits include:

Features	Advantages and Potential Benefits
High thermal and oxidation stability	Reduced sludge build-up, deposits and viscosity increase
TBN reserves	Deposit control and acid neutralisation
Stay-in-grade shear stability	Wear protection and viscosity control
High detergency/dispersancy	Clean engines and long component life
Improved soot handling	Improved viscosity control and used oil pumpability
Excellent low temperature properties	Start-up wear protection
Component compatibility	Long gasket and seal life

Applications

Recommended by ExxonMobil for use in:

- Naturally aspirated and turbo-charged diesel powered equipment
- On-highway light and heavy-duty trucking
- Off-highway industries including: construction, mining, quarrying, and agriculture

Specifications and Approvals

This product has the following approvals:
MB-Approval 228.3

This product meets or exceeds the requirements of:
API CI-4

Properties and Specifications

Property	
Grade	SAE 20W-50
Viscosity Index, ASTM D2270	130
Density @ 15 C, kg/l, ASTM D4052	0.88
Flash Point, Cleveland Open Cup, °C, ASTM D92	227
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	19.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	169
Pour Point, °C, ASTM D97	-30
Total Base Number, mgKOH/g, ASTM D2896	9
Ash, Sulfated, mass%, ASTM D874	1.1

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

12-2023
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