Mobil Delvac™ HD 10W-40

Mobil Commercial Vehicle Lube , Malta

Heavy Duty Diesel Engine Oil

Product Description

Mobil DelvacTM HD 10W-40 is a semi-synthetic 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 high performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention and volatility control. The proven advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF).

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 HD 10W-40 delivers high performance, long drain interval capability and protection of exhaust systems including those fitted with Diesel Particulate Filters (DPF). The key benefits include:

[1] Well formulated oils, like Mobil Delvac, that meet or exceed industry or OEM specifications, can help protect engines. Consult OEM for optimum fluid selection. Actual results may vary depending on OEM requirements, type of engine and its maintenance, application and service conditions, and prior lubricant used.

Features	Advantages and Potential Benefits
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 towards 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
Good low temperature properties	Helps to improve pumpability and oil circulation

Applications

• Heavy Duty Diesel Engines including Euro V/VI Modern Low Emissions Vehicles, Utilizing Technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR).

• Heavy Duty Diesel Engines using low sulfur diesel fuels and many biodiesel fuel formulations.

• Naturally Aspirated and Turbo-Charged Diesel Powered Equipment.

• On-Highway Short-Haul and Long-Haul Trucks and Buses.

Please refer to the owners handbook for OEM application requirements and oil drain intervals for your vehicle or equipment.

Specifications and Approvals

This product has the following approvals:
MTU Oil Category 3.1

This product is recommended for use in applications requiring:
MAN M 3477
ACEA E6

This product meets or exceeds the requirements of:
DAF Extended Drain

Properties and Specifications

Property	
Grade	SAE 10W-40
Density @ 15.6 C, g/ml, ASTM D4052	0.861
Viscosity Index, ASTM D2270	153
Pour Point, °C, ASTM D97	-42
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	91
Total Base Number, mgKOH/g, ASTM D2896	11.3
Ash, Sulfated, mass%, ASTM D874	0.96
Flash Point, Cleveland Open Cup, °C, ASTM D92	227
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.7

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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