Mobil

Mobil Delvac XHP™ Ultra LE 5W-30

Mobil Commercial Vehicle Lube , Austria

Advanced Engine and Emission System Protection

Product Description

Mobil Delvac XHP Ultra LE 5W-30 is an extra high performance diesel engine oil engineered to provide outstanding protection and fuel economy potential in m high performance, low emissions engines used in severe on-highway applications. This engine oil is specifically designed to meet the latest MB-Approval 228.51 & M 3677 requirements for modern diesel engines. This engine oil is formulated with advanced synthetic technology base oils which provide excellent low tempe fluidity, high temperature viscosity retention, volatility control and contribute to fuel economy improvement potential. The advanced additive system has been e engineered to help prolong the life and maintain the efficiency of emission reduction systems such as the Diesel Particulate Filter (DPF). The DPF is widely used b builders to comply with emission regulations enforced on modern trucks and buses. Mobil Delvac XHP Ultra LE 5W-30 is biodiesel compatible.*

*Follow OEM recommendations on potential service adjustments

Features and Benefits

High output, low emission diesel engines significantly increase demands on engine lubricants. Tighter engine design, use of inter-coolers, and turbochargers in mechanical and thermal stresses on the lubricant. Low emission engine technologies such as higher fuel injection pressure, retarded timing and after-treatment dev require improved oil performance in areas such as oxidation stability, soot dispersancy, volatility and compatibility with after-treatment devices. The advanced tech in Mobil Delvac XHP Ultra LE 5W-30 delivers exceptional performance and protection of exhaust systems fitted with Diesel Particulate Filters. The key benefits incl

Features	Advantages and Potential Benefits
Excellent protection against oil thickening, oil degradation, high temperature deposits, and sludge build-up	Contributes to long oil life consistent with OEM recommended Oil Drain Intervals (ODI) Helps prevent ring sticking for better engine protection and efficiency
Excellent protection against wear, scuffing, bore polishing, and corrosion	Helps control wear in heavy duty operation, promoting long engine life
Excellent low temperature fluidity	Contributes to excellent oil pumpability and circulation allowing operation in cold climate regions Helps protect against wear during cold engine start-up
Advanced "Low Ash" componentry	Helps improve efficiency and extend durability of emission exhaust systems fitted with Diesel Partic Filters (DPF)
Advanced formulation viscometrics . SAE 5W-30 . Stay-in-grade shear stability . Very low volatility	Potentially helps to reduce fuel consumption over higher viscosity grade engine oils wi compromising engine durability (potential fuel economy depending on vehicle type and d conditions) Helps to control viscosity breakdown and oil consumption under heavy duty, high temperature oper conditions

Applications

Recommended by ExxonMobil for use in:

- Latest generation MB trucks and buses requiring MB-Approval 228.51 lubricants

- In commercial vehicle and bus engines (only when operating in regions where ultra-low sulfur fuel is used) without particulate filters for which conventional S/ per MB-Approval 228.5 are recommended (please always refer to MB-Sheet 223.2 and to the owner's manual of the respective vehicle).

- Latest generation of MAN trucks and buses requiring MAN M 3677 approved lubricants

- In commercial vehicle and bus engines (only when operating in regions where ultra-low sulfur fuel is used) without particulate filters for which conventional S/ per MAN M 3277 & M 3275-1 are recommended (please always refer to the owner's manual of the respective vehicle).

- On-highway light and heavy-duty trucking

- Modern heavy-duty engines equipped with Diesel Particulate Filter (DPF) in line with owner manual recommendations

Specifications and Approvals

This product has the following approvals:
MAN M 3677

This product has the following builder approvals:
MTU Oil Category 3.1

This product is recommended for use in applications requiring:
MAN M 3271-1
MAN M 3477

This product meets or exceeds the requirements of:
DAF Extended Drain
ACEA E6

Properties and Specifications

Property	
Grade	SAE 5W-30
Ash, Sulfated, mass%, ASTM D874	0.97
Density @ 15 C, g/ml, ASTM D4052	0.85
Flash Point, °C, ASTM D92	232
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.9
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	69.4
Total Base Number, mgKOH/g, ASTM D2896	10.9
Viscosity Index, ASTM D2270	169

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.as

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performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without no
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