



## Mobil Delvac XHP Ultra LE 5W-30

Mobil Commercial Vehicle Lube, Russia

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 modern, 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 & MAN M 3677 requirements for modern diesel engines. This engine oil is formulated with high quality base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control and contribute to fuel economy improvement potential. The advanced additive system has been expertly 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 by most builders to comply with emission regulations enforced on modern trucks and buses.

### Features and Benefits

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

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 Particulate 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 without compromising engine durability (potential fuel economy depending on vehicle type and driving conditions) Helps to control viscosity breakdown and oil consumption under heavy duty, high temperature operating 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 SAPS oil 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 SAPS oil 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

Mobil Delvac XHP Ultra LE 5W-30 meets and exceeds the requirements of:	
ACEA E6	X
DAF Extended Drain	X

<b>Mobil Delvac XHP Ultra LE 5W-30 has the following builder approvals:</b>	
MTU Oil Category 3.1	X
MB-Approval 228.51	X
MB-Approval 235.28	X
MAN M 3677	X
MAN M 3477	X
MAN M 3271-1	X
VOITH RETARDER Oil Class B	X

## Typical Properties

<b>Mobil Delvac XHP Ultra LE 5W-30</b>	
SAE Grade	5W-30
Viscosity, ASTM D 445	
cSt @ 40°C	69.4
cSt @ 100°C	11.9
Viscosity Index, ASTM D 2270	169
Sulfated Ash, wt%, ASTM D 874	0.97
Total Base #, mg KOH/g, ASTM D 2896	10.9
Flash Point, °C, ASTM D 92	232
Density @ 15°C kg/l, ASTM D 4052	0.85

## 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, or will be provided by seller to customers if and as legally required. 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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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](http://www.exxonmobil.com)

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