Mobil

Mobil Delvac 1™ 5W-30 Advanced Synthetic

Mobil Commercial Vehicle Lube , Panama

High Performance Advanced Synthetic Formula Low Ash Diesel Engine Oil

Product Description

Mobil Delvac 1™ 5W-30 Advanced Synthetic is an advanced synthetic heavy duty diesel engine oil for long and reliable service. The development of this product summarizes more than 90 years of ExxonMobil's research and development knowledge. The goal was to define a product that addresses all features required with modern on-highway truck applications, including those with emission control systems1. This top performance product offers unsurpassed oxidation stability[3] which results in engine cleanliness promoting efficient and smooth engine operation. The robustness of Mobil Delvac 1™ 5W-30 Advanced Synthetic meets or exceeds the longest oil drain intervals defined by major global manufacturers, offering protection during extended oil drains up to 100,000 miles[1]. It was also developed and tested to protect the engine with the use of biofuel components to consider different diesel fuel qualities and future, sustainability related fuel components. The advanced lubricant formulation helps to gain fuel economy benefits in modern engine applications[2]. The outstanding wear protection performance of Mobil Delvac 1™ 5W-30 Advanced Synthetic is the result of extensive and close cooperative development work of ExxonMobil with major equipment builders. As a result, this product meets or exceeds the requirements of the latest API and ACEA industry specifications for diesel engine oils, as well as the requirements of many major American, and European engine manufacturers.

[1] Please refer to the owner's handbook for OEM application requirements and oil drain intervals for your vehicle or equipment.

[2] Compared to an SAE 15W-40 engine oil. Actual savings are dependent on vehicle engine type, outside temperature, driving conditions, and your current engine oil viscosity.

[3] Based on PC-11 industry test data.

Features and Benefits

Mobil Delvac 1™ 5W-30 Advanced Synthetic is an outstanding lubricant solution for modern and latest engine technology equipped with emission After-Treatment devices. It was developed by ExxonMobil to maintain unsurpassed oxidation stability performance to meet long oil drain intervals and support low maintenance efforts. Mobil Delvac 1™ 5W-30 Advanced Synthetic keeps at the same time critical and hot engine parts clean, also while bio diesel fuel components are used, for long and efficient engine life. This feature, in combination with the sophisticated additive system, ensures exceptional engine wear performance and supports long engine life. The low ash formulation protects at the same time all exhaust after-treatment parts required to meet emissions regulations.

Features	Advantages and Potential Benefits
Unsurpassed thermal and oxidation stability	Prevention of deposits and smooth engine operation
Step out wear protection	Reduced engine wear to promote long engine life
Bio fuel compatible	Maintains engine cleanliness and protection with bio fuel components
Enhanced fuel economy potential	Reduced fuel consumption
Extended drain interval capability	Fewer oil changes and less oil disposal
Emission system protection	Emissions system durability and performance

Specifications and Approvals

According to ExxonMobil, this product is of the following quality level:

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ACEA E6

This product has the following approvals:
Cummins CES 20086
Detroit Detroit Fluids Specification 93K222
Deutz DQC IV-18 LA
MACK EOS-4.5
MTU Oil Category 3.1
VOLVO VDS-4.5

This product meets or exceeds the requirements of:
API CK-4
API CJ-4
API CI-4 PLUS
API SN
DAF Extended Drain
API SM
JASO DH-2-17
Caterpillar ECF-3

Properties and Specifications

Property	
Grade	SAE 5W-30
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12
Flash Point, Cleveland Open Cup, °C, ASTM D92	241
Viscosity Index, ASTM D2270	160
Density @ 15 C, g/ml, ASTM D1298	0.85
Pour Point, °C, ASTM D97	-42
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	73

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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06-2024
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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

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