Mobil

Mobil Delvac Modern™ 5W-30 Advanced Protection SCA

Mobil Commercial Vehicle Lube , Croatia

Extra High Performance Diesel Engine Oil

Product Description

Mobil Delvac Modern 5W-30 Advanced Protection SCA is an extra high performance advanced synthetic technology 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 Scania LDF-4 specification. Besides fulfilling the latest Scania specification, it can be used when ACEA E6 or E7 is requested.

Mobil Delvac Modern 5W-30 Advanced Protection SCA is formulated with advanced synthetic technology 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 Modern 5W-30 Advanced Protection SCA 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:

- This engine oil is specifically designed to meet the Scania LDF-4 specification
- In commercial vehicles where ACEA E6 or ACEA E7 is requested
- 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

According to ExxonMobil, this product is of the following quality level:
ACEA E6

This product meets or exceeds the requirements of:
Scania LDF-4

Properties and Specifications

Property	
Grade	SAE 5W-30
Flash Point, Cleveland Open Cup, °C, ASTM D92	228
Density @ 15 C, g/ml, ASTM D1298	0.85
Ash, Sulfated, mass%, ASTM D874	1
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.6
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	69.5
Pour Point, °C, ASTM D97	-33
Total Base Number, mgKOH/g, ASTM D2896	10
Viscosity Index, ASTM D2270	162

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

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

06-2025

.

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

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

© Copyright 2003-2026 Exxon Mobil Corporation. All Rights Reserved