Mobil Super™ 3000 0W-16

Mobil Passenger Vehicle Lube , Denmark

Fully Synthetic Engine Oil

Product Description

Mobil Super™ 3000 0W-16 is an ultra-low viscosity, fully synthetic engine oil developed to help improve engine efficiency and provide outstanding wear protection in highly efficient, internal combustion and hybrid vehicles.

Mobil Super 3000 0W-16 addresses emerging engine technology where vehicle manufacturers strive to optimise fuel economy. It is the oil of choice for select gasoline and hybrid engines from Honda, Lexus and Toyota which are designed to operate at their optimum with 0W-16 oils.

Features and Benefits

Mobil Super 3000 0W-16 is designed to help provide long engine life and outstanding protection against sludge, engine rust and corrosion under severe operating conditions and provide optimum viscosity and fluidity across a broad range of temperatures.

- Designed for modern and highly efficient gasoline and hybrid engines
- Meets or exceeds latest ILSAC and API industry standards
- Protects against low-speed pre-ignition for gasoline engines with direct injection and turbocharging
- Outstanding wear protection, helps extend engine life
- Permits operation at elevated temperatures without oxidative oil thickening and oil breakdown
- Allows easy cold-weather starting and reduced engine warm-up time to protect critical engine parts

Applications

Mobil Super 3000 0W-16 is suitable for modern high efficiency gasoline hybrid cars from Japanese and Korean manufacturers that specifically call for a SAE 0W-16 viscosity grade and any of the specifications the oil supports.

• Mobil Super 3000 0W-16 meets or exceeds the American Petroleum Institute's latest 'SP Resource Conserving' requirements and the novel ILSAC GF-6B category for low viscosity oils, which qualifies the oil to help address LSPI (Low Speed Pre-Ignition) in downsized direct injection turbocharged gasoline engines, and also to contribute to engine fuel efficiency.

• ILSAC GF-6B category, contrary to GF-6A category, is not backward compatible with previous ILSAC categories (GF-1 through GF-5) therefore Mobil Super 3000 0W-16 should be used only when a 0W-16 spec is recommended in the owner's manual.

Owner's manual should be consulted for recommended viscosity grade and specification.

Specifications and Approvals

This product meets or exceeds the requirements of:
API SP
API SN
API SN PLUS
API SN PLUS RESOURCE CONSERVING
API SN Resource Conserving
API SP Resource Conserving
API SQ

This product meets or exceeds the requirements of:
API SQ Resource Conserving
ILSAC GF-7B

Properties and Specifications

Property	
Grade	SAE 0W-16
Density @ 15 C, g/ml, ASTM D1298	0.831
Flash Point, Cleveland Open Cup, °C, ASTM D92	238
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	7.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	38.2
Pour Point, °C, ASTM D97	-54
Viscosity Index, ASTM D2270	160

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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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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