



Mobil 1™ 15W-50

Mobil Passenger Vehicle Lube , Japan

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ 15W-50 is an advanced full synthetic engine oil designed to help provide exceptional wear protection for a smooth driving experience. Mobil 1 15W-50 meets or exceeds the requirements of the industry and car manufacturers' standards required for high-performance turbo-charged, supercharged gasoline and diesel multi-valve fuel injected engines. Mobil 1 15W-50 is a winning, race-proven technology. It is especially suited for a wide variety of motorsports applications, towing, and other severe service situations. Mobil 1 15W-50 helps to provide outstanding engine oil performance and protection for the winning edge. Mobil 1 is the official motor oil of NASCAR.

Features and Benefits

Mobil 1 15W-50 is made with a proprietary blend of ultra high performance synthetic basestocks fortified with a precisely balanced component system. Mobil 1 15W-50's heavier viscosity together with this high-performance component system helps to provide the ultimate in dynamic lubricant protection. This feature is supported, not only by meeting or exceeding the toughest industry performance standards, but also it is proven in gruelling racing applications. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Advanced Full synthetic formula	Helps prevent deposits and sludge build-up to enable long engine life Excellent overall lubrication and wear protection performance for many driving styles
Outstanding thermal and oxidation stability	Outstanding performance during the maximum oil change interval recommended in a vehicle's owners manual
Extra anti-wear additive	Extra protection for severe service

Applications

Mobil 1 15W-50 is recommended for all types of vehicles, suitable for use in high-performance turbo-charged, supercharged gasoline and diesel multi-valve fuel injected engines found in passenger cars, light vans and trucks.

- Mobil 1 15W-50 is suitable extreme engine stress conditions, where conventional oil often may not perform.
- Mobil 1 15W-50 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

This product is recommended for use in applications requiring:
API CF

This product meets or exceeds the requirements of:
API SN
API SM

This product meets or exceeds the requirements of:

API SL

API SJ

Properties and Specifications

Property	
Grade	SAE 15W-50
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	18
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	125
Viscosity Index, ASTM D2270	160
Ash, Sulfated, wt%, ASTM D874	1.21
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	4.5
Pour Point, °C, ASTM D97	-39
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Density @ 15.6 C, g/ml, ASTM D4052	0.87

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.

12-2024

ExxonMobil Japan Godo Kaisha

Shinagawa Grand Central Tower

2-16-4, Konan, Minato-Ku,

Tokyo, 108-8218,

Japan

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.

ExxonMobil

Exxon

Mobil

Esso

XTO
ENERGY

© Copyright 2003-2025 Exxon Mobil Corporation. All Rights Reserved