



Mobil 1™ 15W-50

Mobil Passenger Vehicle Lube , United States

Advanced 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 combined with this high-performance component system helps to provide dynamic lubricant protection. This feature is supported, not only by meeting or exceeding the toughest industry performance standards, but is also 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 for 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 meets or exceeds the requirements of:
API SP
API SN PLUS
API SN
API SM

This product meets or exceeds the requirements of:

API SL

API SJ

Properties and Specifications

Property	
Grade	SAE 15W-50
Pour Point, °C, ASTM D97	-39
Ash, Sulfated, mass%, ASTM D874	1.21
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	125
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	4.5
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	18
Density @ 15.6 C, g/ml, ASTM D4052	0.87
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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