



Mobil 1™ 15W-50

Mobil Passenger-Vehicle-Lube , United States

www.actlubricants.eu

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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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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