



## Mobil 1™ 15W-50

Mobil Passenger Vehicle Lube , South Korea

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

|   |
|---|
| <b>This product is recommended for use in applications requiring:</b> |
| API CF  |
| ACEA A3/B3-16   |
| <b>This product meets or exceeds the requirements of:</b>             |
| API SN  |

**This product meets or exceeds the requirements of:**

API SM

API SL

API SJ

**Properties and Specifications**

| Property   |            |
|--|------------|
| Grade  | SAE 15W-50 |
| Ash, Sulfated, mass%, ASTM D874                            | 1.21       |
| Density @ 15.6 C, g/ml, ASTM D4052                         | 0.87       |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 232        |
| Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683      | 4.5        |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 18         |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 125        |
| Pour Point, °C, ASTM D97                                   | -39        |
| 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](http://www.exxonmobil.com)

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