



Mobil 1™ 15W-50

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 Potential 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

Mobil 1 15W-50 meets or exceeds the requirements of:

API	SN, SM, SL, SJ
ACEA	A3/B3

According to ExxonMobil, Mobil 1 15W-50 is of the following quality level:

Typical Properties

Mobil 1 15W-50

SAE Grade	15W-50
Viscosity @ 100°C, cSt (ASTM D445)	18
Viscosity, @ 40°C, cSt (ASTM D445)	125
Viscosity Index	160
Sulfated Ash, wt% (ASTM D874)	1.21
HTHS Viscosity, mPa•s @ 150°C (ASTM D4683)	4.5
Pour Point, °C (ASTM D97)	-39
Flash Point, °C (ASTM D92)	232
Density @15.6° C g/ml ASTM D4052)	0.87

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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. 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.

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