



## Mobil 1™ High Mileage Oils

### Advanced Full Synthetic Engine Oils

#### Product Description

Mobil 1™ High Mileage oils are designed to help maximize engine performance and extend the engine life of vehicles with over 75,000 miles.

Mobil 1 High Mileage is available in four viscosity grades 5W-20, 5W-30, 10W-30 and 10W-40.

#### Features and Potential Benefits

Mobil 1 High Mileage oils are made with a proprietary blend of high performance synthetic basestocks fortified with an additive system designed especially for higher mileage vehicles. Mobil 1 High Mileage oils are especially recommended for high mileage vehicles even those that have used lower quality conventional oils. (Note 1)

Note 1 -- If your engine has excessive sludge deposits due to less-than-adequate maintenance practices, Mobil 1 High Mileage can help by reducing the sludge left behind in your engine. For severe cases of sludge, short oil change intervals (3000 - 5000 miles) are recommended for the first 2-3 oil changes as reduction of the sludge takes place. In cases of engine damage that may have resulted from poor maintenance, even Mobil 1 cannot remedy years of neglect.

Features	Advantages and Potential Benefits
Advanced Full synthetic formula	Excellent overall lubrication and wear protection. Outperforms our conventional high mileage oils.
Extra anti-wear additive	Helps to protect critical engine parts in higher mileage engines
Seal Conditioner	Helps to prevent leaks

#### Applications

Mobil 1 High Mileage oils are recommended for vehicles with over 75,000 miles including passenger cars, SUVs, light vans and trucks.

- Mobil 1 High Mileage oils are suitable for many types of severe driving applications including high speed highway and stop and go city driving.
- Mobil 1 High Mileage is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

#### Specifications and Approvals

Mobil 1 High Mileage oils meet or exceed the requirements of:	5W-20	5W-30	10W-30	10W-40
ACEA	A1/B1	A1/B1	A3/B3	A3/B3
API	SL	SL	SL	SN, SM, SL

<b>According to ExxonMobil, Mobil 1 High Mileage is of the following quality level:</b>	<b>5W-20</b>	<b>5W-30</b>	<b>10W-30</b>	<b>10W-40</b>
API	CF	CF	CF	CF

## Typical Properties

	<b>5W-20</b>	<b>5W-30</b>	<b>10W-30</b>	<b>10W-40</b>
SAE Grade				
Viscosity (ASTM D445)				
cSt @ 40 °C	50.1	69.2	78.1	95.9
cSt @ 100 °C	8.6	11.7	12	14.71
Viscosity Index	150	165	149	160
HTHS Viscosity, mPa•s @ 150 °C (ASTM D4683)	2.7	3.3	3.5	3.9
Pour Point, °C, (ASTM D97)	-42	-39	-37	-33
Flash Point, °C, (ASTM D92)	244	230	232	232
Density @15.6 °C g/ml (ASTM D4052)	0.856	0.856	0.861	0.860

## 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](http://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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