



## Mobil 1™ 5W-30

Mobil Passenger Vehicle Lube, United States

Advanced Full Synthetic Engine Oil

### Product Description

Mobil 1™ 5W-30 is an advanced full synthetic engine oil designed to keep your engine running like new by providing exceptional wear protection, cleaning power and overall performance. Mobil 1 5W-30 meets or exceeds the requirements of the industry's toughest standards and outperforms our conventional oils. Mobil 1 technology comes as standard equipment in many different vehicles, including select high-performance vehicles.

### Features and Potential Benefits

Mobil 1 5W-30 is made with a proprietary blend of high performance synthetic basestocks fortified with a precisely balanced component system. The 5W-30 viscosity grade is one of the most recommended viscosity grades for new cars. Mobil 1 5W-30 is uniquely designed to help provide unsurpassed levels of performance, cleaning power and engine protection, while meeting the demanding ILSAC GF-5 performance standards.

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
Enhanced frictional properties	Aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting for ultra fast protection Helps to extend engine life

### Applications

Mobil 1 5W-30 is recommended for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline and diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and

light trucks.

- Mobil 1 5W-30 is general purpose engine oil for many types of cars
- Mobil 1 5w-30 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

## Specifications and Approvals

<b>Mobil 1 5W-30 meets or exceeds the requirements of:</b>	
ACEA	A1/B1
API	SN, SM, SL,SJ
ILSAC	GF-5
Ford	WSS-M2C946-A, WSS-M2C929-A

<b>Mobil 1 5W-30 has the following builder approvals:</b>	
General Motors Service Fill	dexos1™ Gen 2 (License number D10104GH015)
Honda / Acura	HTO-06

<b>Mobil 1 5W-30 is recommended by ExxonMobil for use in applications requiring:</b>	
General Motors	4718M
General Motors	6094M

## Typical Properties

<b>Mobil 1 5W-30</b>	
SAE Grade	5W-30
Viscosity @ 100°C, cSt (ASTM D445)	11.0
Viscosity, @ 40°C, cSt (ASTM D445)	61.7
Viscosity Index	172
Sulfated Ash, wt% (ASTM D874)	0.8
Phosphorous, wt% (ASTM D4981)	0.08
HTHS Viscosity, mPa•s @ 150°C (ASTM D4683)	3.1
Pour Point, °C (ASTM D97)	-42
Flash Point, °C (ASTM D92)	230

<b>Mobil 1 5W-30</b>	
Density @15.6 °C, kg/l (ASTM D4052)	0.855

## 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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### **Exxon Mobil Corporation**

22777 Springwoods Village Parkway  
Spring TX 77389

1-800-ASK MOBIL (275-6624)

*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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