

# Mobil1 5W-30

Our most Advanced Performance Synthetic Engine Oil

## Product Description

Mobil 1 5W-30 is a high performance synthetic engine oil designed to exceed the industry's toughest standards and outperform all conventional oils. Mobil 1 5W-30 is engineered to help keep your engine running like new and extend engine life. Mobil 1 technology has been selected as original equipment by leading car builders such as, Chevrolet Corvette, Cadillac, Mercedes Benz AMG, Porsche, Dodge Viper, and Dodge Ram SRT 10.

## Features & Expected Benefits

Mobil 1 5W-30 is made with a proprietary blend of high performance synthetic basestocks fortified with an advanced additive system. Mobil 1 5W-30 is the number one recommended viscosity grade for new cars. This oil is uniquely designed to provide unsurpassed levels of performance, cleaning power and engine protection, while meeting the demanding ILSAC GF4 performance standards

Features	Expected Advantages and Benefits
Synthetic formula with SuperSyn Technology	Helps prevent deposits and sludge build-up to enable long engine life
	Excellent overall lubrication and wear protection performance for all 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	Excellent fuel economy
Excellent low temperature capabilities	Quick cold weather starting for 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 trucks. Recommended for diesel multi-valve fuel injected engines requiring ACEA B1/B5 or API CF quality oil.

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



## Specifications & Approvals

### Mobil 1 5W-30 meets or exceeds the following industry specifications:

ACEA	A1,B1,A5,B5
API	SM,SL,SJ,EC,CF
ILSAC	GF4

### Mobil 1 5W-30 has the following builder approvals:

General Motors Service Fill	GM4718M
General Motors Factory Fill	GM 6094M
Ford	WSS- M2C929-A
Chrysler	MS-6395

## Typical Properties

### Mobil 1 5W-30

SAE Grade	5W-30
Viscosity, ASTM D 445	
cSt @ 40°C	64.8
cSt @ 100°C	11.3
Viscosity Index, ASTM D 2270	169
Sulfated Ash, wt%, ASTM D 874	1.0
HTHS Viscosity, mPa-s @ 150°C, ASTM D 4683	3.09
Pour Point, °C, ASTM D 97	-45
Flash Point, °C, ASTM D 92	230
Density @ 15°C kg/l, ASTM D 4052	0.80

## Precautions

MOBIL 1 5W-30 is manufactured from high quality synthetic base oil, carefully blended with selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. Special care is also recommended in handling used motor oils. A Service Data Sheet entitled "Safe Handling of Used Motor Oils" is available on request from your Imperial Oil Representative. Please refer to our Imperial Oil Material Safety Data Sheet for further information.

**Note:** This product is not controlled under Canadian WHMIS legislation.

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Due to continual product research and development, the information contained herein is subject to changes without notification. Additional important health and safety information on this product can be found in the Material Safety Data Sheet, which is available online at [www.imperialoil.ca/mobil](http://www.imperialoil.ca/mobil) or by contacting Lubricants and Petroleum Specialties, Technical Services, Technical Help Desk: 1-800-268-3183

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