

# Mobil 1 5W-20

Synthetic Engine Oil

## Product Description

Mobil 1 5W-20 is a high performance synthetic engine oil designed to exceed the industry's toughest standards and outperform all conventional oils. Mobil 1 5W-20 is engineered to help keep your engine running like new and extend engine life. Mobil 1 technology has been selected as original equipment in some of the world's finest cars, including Chevrolet Corvette, Cadillac, Mercedes Benz AMG, Porsche, Dodge Viper, and Crossfire.

## Features and Benefits

Mobil 1 5W-20 is made with a proprietary blend of high performance synthetic basestocks fortified with an advanced additive system. Mobil 1 5W-20 is the new viscosity grade recommended for many vehicles manufactured by Honda, Ford, and in 2005 Chryslers. This oil is uniquely designed to provide unsurpassed levels of performance, cleaning power and engine protection, while meeting the demanding ILSAC GF-4 performance standards.

Features	Advantages and Potential 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. Superb viscosity control
Enhanced frictional properties	Aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting for ultra fast protection Helps to extend engine life and reduces stress on starting system components

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 Specialities, Technical Services, Technical Help Desk: 1-800-268-3183

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## Applications

Mobil 1 5W-20 is recommended for all types of modern vehicles where this viscosity grade is recommended. This includes high-performance turbo-charged, supercharged gasoline multi-valve fuel injected engines found in passenger cars, SUVs, light vans and trucks.

- Mobil 1 5W-20 is general purpose engine oil for all types of cars where this viscosity is recommended including Honda, Ford, and other major carmakers
- Mobil 1 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

## Specifications and Approvals

Mobil 1 5W-20 meets or exceeds the following industry specifications:

ACEA	A1,B1
API	SM, SL,SJ,EC,CF,CD
ILSAC	GF-4
Ford	WSS- M2C930-A
Chrysler	MS-6395

## Typical Properties

Mobil 1 5W-20	
SAE Grade	5W-20
Viscosity, ASTM D 445	
cSt @ 40° C	48.3
cSt @ 100° C	8.8
Viscosity Index, ASTM D 2270	163
Sulfated Ash, wt%, ASTM D 874	1.0
HTHS Viscosity, mPa·s @ 150°C ASTM D 4683	2.62
Pour Point, °C, ASTM D 97	-47
Flash Point, °C, ASTM D 92	228
Density @15° C kg/l, ASTM D 4052	0.80

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## Precautions

Mobil 1 5W-20 is manufactured from high quality petroleum base stocks, 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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