

Mobil 1™ 5W-20

Mobil Passenger Vehicle Lube, United States

Advanced Full Synthetic Engine Oil



Product Description

Mobil 1™ 5W-20 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-20 meets or exceeds the requirements of the industry's toughest standards and outperforms 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-20 is made with a proprietary blend of high performance synthetic basestocks fortified with a precisely balanced additive component system. The 5W-20 viscosity grade is recommended by ExxonMobil for use in many vehicles manufactured by Honda, Ford, and Chrysler. Mobil 1 5W-20 is uniquely designed to meet or exceed the requirements of the ILSAC GF-5 performance standard.

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. 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 reduce stress on starting system components

Applications

Mobil 1 5W-20 is suitable for use in 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 a high-performance engine oil for all types of cars where this viscosity is recommended

- 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 requirements of:	
API	SN,SM,SL,SJ
ILSAC	GF-5
Ford	WSS-M2C945-A

Mobil 1 5W-20 has the following builder approvals:	
General Motors Service Fill	dexos1™ Gen 2 (License number D10103GH015)

According to ExxonMobil, Mobil 1 5W-20 is of the following quality level:	
Ford	WSS-M2C930-A
General Motors	GM 6094M
API	CF

Typical Properties

Mobil 1 5W-20	
SAE Grade	5W-20
Viscosity @ 100°C, cSt (ASTM D445)	8.9
Viscosity, @ 40°C, cSt (ASTM D445)	49.8
Viscosity Index	160
Sulfated Ash, wt%, (ASTM D874)	0.85
HTHS Viscosity, mPa·s @ 150°C (ASTM D4683)	2.75
Pour Point, °C (ASTM D97)	-43
Flash Point, °C (ASTM D92)	230
Density @15° C g/ml, (ASTM D4052)	0.852

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.

All trademarks used herein are trademarks of Exxon Mobil Corporation, or one of its subsidiaries unless indicated otherwise.

09-2017

5W-20

Specifications and approvals

Mobil 1 5W-20 synthetic motor oil meets or exceeds the requirements of:

- API SN, SM, SL, SJ
- ILSAC GF-5
- Ford WSS-M2C945-A

Mobil 1 5W-20 has the following builder approvals:

- General Motors Service Fill dexos1™ Gen 2 (license number D10103GH015)

According to ExxonMobil, Mobil 1 5W-20 is of the following quality level:

- Ford WSS-M2C930-A
- General Motors Service GM 6094M
- API CF

Technical details

SAE Grade	5W-20
Viscosity @ 100°C, cSt (ASTM D445)	8.9
Viscosity, @ 40°C, cSt (ASTM D445)	49.8
Viscosity Index	160
Sulfated Ash, wt%, (ASTM D874)	0.85
HTHS Viscosity, mPa·s @ 150°C (ASTM D4683)	2.75
Pour Point, °C (ASTM D97)	-43
Flash Point, °C (ASTM D92)	230
Density @15° C g/ml, (ASTM D4052)	0.852