



Mobil 1™ 0W-20

Mobil Passenger Vehicle Lube , Japan

Advanced Fuel Economy, Advanced full synthetic engine oil

Product Description

Mobil 1™ 0W-20 is an advanced full synthetic motor oil designed to help deliver outstanding engine protection and enhanced fuel economy benefits to keep your engine running like new and protect critical engine parts for up to 10,000 miles between oil changes\*. Mobil 1 0W-20 meets or exceeds the requirements of the industry's standards. Mobil 1™, synthetic motor oil technology, comes as standard equipment in many different vehicles, including select high-performance vehicles.

Features and Benefits

Mobil 1™ 0W-20 is engineered with a proprietary blend of high performance synthetic base stocks fortified with a precisely balanced component additive system. Low viscosity, advanced full synthetic formulation helps to increase engine efficiency and improve fuel economy benefits, while providing outstanding overall engine protection.

| Features                                       | Advantages and Potential Benefits   |
|--|---|
| Low viscosity, advanced full synthetic formula | Helps improve fuel economy benefits while keeping your engine running like new* |
| Outstanding thermal and oxidation stability    | Protects for up to 10,000 miles between oil changes*                            |
| Outstanding low temperature capabilities       | Quick cold weather starting and fast protection helps to extend engine life     |
| Active cleaning agents                         | Designed to clean up sludge left behind in your engine                          |
| Precisely balanced additive component system   | Unsurpassed wear protection   |
|  | * Based on MADS testing   |

Applications

Mobil 1™ 0W-20 is recommended by ExxonMobil for SAE 0W-20 and 5W-20 applications in all types of modern gasoline-powered vehicles including high-performance turbocharged, supercharged, multi-valve fuel injected engines found in passenger cars, SUVs, light vans, hybrid cars, and trucks.

- Mobil 1 0W-20 is a high-performance motor oil for all types of cars where this viscosity is recommended.
- Mobil 1 0W-20 is recommended by ExxonMobil for extreme cold conditions 1
- Mobil 1 0W-20 is not recommended for 2-Cycle or a

deliver quick starts and fast lubrication.

engines, unless specifically approved by the manufacturer.

Specifications and Approvals

|  |
|--|
| This product is recommended for use in applications requiring: |
| GM 6094M   |
| FIAT 9.55535-CR1   |
| This product meets or exceeds the requirements of:             |
| API SJ   |

**This product meets or exceeds the requirements of:**

API SL

API SM

API SN

API SN PLUS

API SN PLUS RESOURCE CONSERVING

API SN Resource Conserving

API SP

API SP Resource Conserving

ILSAC GF-6A

ACEA C5-21

Chrysler MS-6395

FORD WSS-M2C962-A1

**Properties and Specifications**

| Property  |           |
|---|-----------|
| Grade   | SAE 0W-20 |
| Pour Point, °C, ASTM D97  | -48       |
| Total Base Number, mgKOH/g, ASTM D2896                                | 9         |
| Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684  | 13600     |
| Viscosity Index, ASTM D2270   | 163       |
| Density @ 15.6 C, g/ml, ASTM D4052                                    | 0.845     |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445            | 8.4       |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 2.6       |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445             | 45        |
| Flash Point, Cleveland Open Cup, °C, ASTM D92                         | 235       |
| Ash, Sulfated, mass%, ASTM D874                                       | 0.8       |

**Health and safety**

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.as>  
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