



Mobil 1 0W-20 Advanced Fuel Economy

Advanced high performance synthetic engine oil

Product Description

Mobil 1 0W-20 Advanced Fuel Economy is an advanced high performance synthetic engine oil designed to help deliver outstanding engine protection and enhanced fuel economy. Mobil 1 0W-20 Advanced Fuel Economy meets or exceeds the requirements of the latest industry standards and outperforms conventional oils. Mobil 1 0W-20 Advanced Fuel Economy is recommended for SAE 0W-20 and 5W-20 applications.

Features and Potential Benefits

Mobil 1 0W-20 Advanced Fuel Economy is engineered with a proprietary blend of high performance synthetic basestocks fortified with a precisely balanced component system. The low viscosity, fully synthetic formulation helps to increase engine efficiency and improve fuel economy. Mobil 1 0W-20 Advanced Fuel Economy provides the high-temperature protection of higher viscosity oils while offering the best fuel economy in the Mobil 1 line. Key features and potential benefits include:

| Features | Advantages and Potential Benefits |
|---|---|
| Low viscosity, fully synthetic formula | Helps to increase engine efficiency and improve fuel economy up to 2%, based on a comparison versus those grades most commonly used. Actual savings are dependent upon vehicle/engine type, outside temperature, driving conditions, and your current engine oil viscosity. |
| Outstanding thermal and oxidation stability | Helps to reduce oil aging resulting in long lasting protection |
| Outstanding low temperature capabilities | Quick cold weather starting and fast protection helps to extend engine life |
| Precisely balanced component system | Excellent overall lubrication and wear protection performance for all driving styles and conditions, from mild to severe, where a 5W-20 or 0W-20 is recommended |

Applications

Mobil 1 0W-20 Advanced Fuel Economy is recommended for SAE 5W-20 and 0W-20 applications in all types of gasoline fueled passenger cars, SUV's, vans, and light trucks.

- Mobil 1 0W-20 Advanced Fuel Economy is engineered to help deliver outstanding engine protection and fuel economy benefits.
- Mobil 1 0W-20 Advanced Fuel Economy is recommended for extreme cold conditions to help deliver quick starts and fast lubrication.
- Mobil 1 0W-20 Advanced Fuel Economy is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

Mobil 1 0W-20 Advanced Fuel Economy meets or exceeds the requirements of

| | |
|-------|----------------|
| ACEA | A1/B1 |
| API | SM,SL,SJ,EC,CF |
| ILSAC | GF-4 |

Mobil 1 0W-20 Advanced Fuel Economy meets or exceeds the requirements of

| | |
|----------------|--------------|
| General Motors | GM 6094M |
| Chrysler | MS-6395 |
| Ford | WSS-M2C930-A |

Mobil 1 0W-20 Advanced Fuel Economy has the following builder approvals:

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|-----------------------------|----------|
| General Motors Service Fill | GM 4718M |
|-----------------------------|----------|

According to ExxonMobil, Mobil 1 0W-20 Advanced Fuel Economy is of the following quality level:

| | |
|----------|--------------|
| Ford WWS | WSS-M2C925-A |
|----------|--------------|

Typical Properties**Mobil 1 0W-20**

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|--|-------|
| SAE Grade | 0W-20 |
| Viscosity, @ 100°C, cSt (ASTM D445) | 8.5 |
| Viscosity, @ 40°C, cSt (ASTM D445) | 44.8 |
| Viscosity Index | 170 |
| Sulfated Ash, wt% (ASTM D874) | 1.0 |
| HTHS Viscosity, mPa•s @ 150°C (ASTM D4683) | 2.6 |
| Phosphorous (ASTM D4951) | 0.08 |
| Flash Point, °C (ASTM D92) | 236 |
| Total Base Number (ASTM D2896) | 9.3 |
| MRV @ -40°C (ASTM D4684) | 10400 |
| Density @15.6° C g/ml (ASTM D4052) | 0.845 |

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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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

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