



Mobil 1 0W-30 Advanced Fuel Economy

Advanced full synthetic engine oil

Product Description

Mobil 1 0W-30 Advanced Fuel Economy is an advanced full synthetic engine oil designed to help deliver outstanding engine protection and enhanced fuel economy. Mobil 1 0W-30 Advanced Fuel Economy meets or exceeds the requirements of the latest industry standards and outperforms our conventional oils. Mobil 1 0W-30 Advanced Fuel Economy is recommended by ExxonMobil for SAE 0W-30, 5W-30 and 10W-30 applications.

Features and Potential Benefits

Mobil 1 0W-30 Advanced Fuel Economy is engineered with a proprietary blend of high performance synthetic basestocks fortified with a precisely balanced additive component system. The low viscosity, fully synthetic formulation helps to increase engine efficiency and offers outstanding fuel economy. Mobil 1 0W-30 Advanced Fuel Economy provides the high-temperature protection of 5W-30 and 10W-30 oils while offering improved fuel economy. 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	Help to reduce oil aging resulting in long lasting protection
Outstanding low temperature capabilities	Quick cold weather starting and fast protection helps extend engine life
Precisely balanced component system	Excellent overall lubrication and wear protection performance for many driving styles and conditions, from mild to severe, where a 5W-30, 10W-30 or 0W-30 is recommended

Applications

Mobil 1 0W-30 Advanced Fuel Economy is recommended by ExxonMobil for SAE 0W-30, 5W-30 and 10W-30 applications in all types of modern gasoline fueled passenger cars, SUVs, vans and light trucks.

- Mobil 1 0W-30 Advanced Fuel Economy is engineered to help deliver outstanding engine protection and improved fuel economy.
- Mobil 1 0W-30 Advanced Fuel Economy is recommended for extreme cold conditions to help deliver quick starts and fast lubrication.
- Mobil 1 0W-30 Advanced Fuel Economy is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

Mobil 1 0W-30 Advanced Fuel Economy meets or exceeds the requirements of

ACEA	A1/B1, A5/B5
API	SN, SN-Plus

API	SN,SL,SJ
ILSAC	GF-5
Ford	WSS-M2C946-A

According to ExxonMobil, Mobil 1 0W-30 Advanced Fuel Economy is of the following quality level:

Ford	WSS-M2C929-A
General Motors	GM 4718M
General Motors	GM 6094M
API	CF

Typical Properties

Mobil 1 0W-30 Advanced Fuel Economy

SAE Grade	0W-30
Viscosity @ 100°C, cSt (ASTM D445)	10.9
Viscosity, @ 40°C, cSt (ASTM D445)	62.9
Viscosity Index	166
Phosphorous (ASTM D4951)	0.065
Sulfated Ash, wt%, (ASTM D874)	0.9
HTHS Viscosity, mPa•s @ 150°C (ASTM D4683)	3.0
Flash Point, °C (ASTM D92)	226
Pour Point, °C (ASTM D97)	-50
Total Base Number (ASTM D2896)	9.1
MRV @ -40 °C (ASTM D4684)	13,250
Density @15.6 °C, g/ml (ASTM D4052)	0.842

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. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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