

## Product Description

Mobil 1 Fuel Economy 0W-30 is an outstanding synthetic engine oil designed to provide unsurpassed protection and fuel economy benefits for the engines of all modern petrol and diesel powered passenger cars and light commercial vehicles. It is particularly suitable for high performance engines, especially those fitted with turbochargers, operating under the most severe conditions.

Mobil 1 Fuel Economy 0W-30 is formulated from three synthetic base fluids ( tri-synthetic ) and a proprietary additive system to provide exceptional protection and performance.

Its unique SAE 0W-30 viscosity allows Mobil 1 Fuel Economy 0W-30 to flow through the engine faster offering unsurpassed protection during the critical period of engine start-up when most engine wear occurs. It remains fluid at temperatures well below -54°C and provides outstanding protection under the most extreme cold weather conditions. Despite its greater fluidity at start-up and low temperatures, Mobil 1 Fuel Economy provides an outstanding protection as the engine operating temperatures increase.

In addition to its unique protection properties, Mobil 1 Fuel Economy 0W-30 offers increased environmental benefits and very good fuel economy savings. It meets the fuel economy requirements of ILSAC GF-2, which is the latest specification defined by US and Japanese manufacturers for low viscosity/low phosphorus engine oils.

## Benefits

Mobil 1 0W-30 offers performance benefits that are beyond those possible with other synthetic, semi-synthetic and mineral oil-based engine oils. These benefits include the following:

- Exceptional fuel savings
- Engine performance maintained “as new” due to outstanding protection against wear and superior cleanliness of engine parts
- Longer engine life
- Superior cold weather starting, prolonging battery life
- Low exhaust emissions maintained at “new car” level, even after prolonged engine life
- Improved engine protection during the critical start-up period

## Application

Mobil 1 Fuel Economy 0W-30 is recommended for use in all types of modern passenger cars and light commercial vehicles powered by petrol and diesel engines. It is particularly recommended for high performance engines, including those which are multi-valved and/or turbocharged. It is not recommended for two-stroke or aviation engines unless specifically approved by the builder. It is particularly suitable for high performance engines, especially those fitted with turbochargers, operating under the most severe conditions.

Vehicle manufacturer recommendations for oil drain and filter change intervals should be followed.

## Specifications

Mobil 1 Fuel Economy 0W-30 meets or surpasses the following specifications:

ACEA A1 / B1 - 98  
API SJ (EC) / CF ( Energy Conserving )  
ILSAC GF-2  
Meets the requirements of Ford WSS-M2C-913A specification

## Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Typical Characteristics

### Mobil 1 Fuel Economy 0W-30

	Test Method	0W-30
SAE Grade		0W-30
Viscosity, cSt at 40°C	ASTM D445	53
Viscosity, cSt at 100°C	ASTM D445	10.1
Viscosity Index	ASTM D2270	181
High Temperature/High Shear (HTHS) Viscosity (150°C/10 <sup>8</sup> s <sup>-1</sup> ) cP	ASTM D4683	3.1
Flash Point, °C	ASTM D92	200
Pour Point, °C	ASTM D97	<-54

Due to continual product research and development, the information contained herein is subject to change without notice.

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