# Mobil 1™ FS 0W-40

Mobil Passenger Vehicle Lube , Iceland

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## Product Description

Mobil 1™ is the world's leading synthetic motor oil brand delivering our ultimate performance and protection.

Mobil 1 FS 0W-40 advanced full synthetic engine oil is engineered for the latest gasoline and diesel engine technology (without Gasoline or Diesel Particulate Filters) delivering excellent all-round performance. It provides exceptional cleaning power, wear protection. Mobil 1 FS 0W-40 keeps your engine running like new in all driving conditions.

## Features and Benefits

Mobil 1 FS 0W-40 is made with a proprietary blend of ultra high performance synthetic basestocks fortified with a precisely balanced component system.

- Meets or exceeds the latest OEM and industry standards
- Provides excellent overall performance
- Has excellent low temperature capabilities for rapid engine protection at start-up
- Has enhanced frictional properties that aids fuel economy
- Delivers fast protection for reduced engine wear and deposits even in the most extreme driving conditions
- Provides exceptional cleaning power for dirty engines.

## Applications

Thanks to extensive cooperative development work with major manufacturers and the application of the latest lubrication technology, Mobil 1 FS 0W-40 is recommended for many types of modern vehicles where it will help provide unsurpassed performance even under very demanding driving conditions.

- Latest engine technologies including Turbo-chargers, Direct Injection, Diesels (without DPF) and Hybrids
- High performance engines
- Most operating conditions, from mild to extreme

Always consult your owner's manual to check recommended viscosity grade and specifications for your particular vehicle.

## Specifications and Approvals

| This product has the following approvals: |
|---|
| MB-Approval 229.3 |
| MB-Approval 229.5 |
| Porsche A40 |
| VW 502 00 |
| VW 505 00 |
| Nissan Genuine Performances |
| AVTOVAZ (LADA cars) |

| This product is recommended for use in applications requiring: |
|---|
| API CF |
| VW 503 01 |
| FIAT 9.55535-M2 |

| This product meets or exceeds the requirements of: |
|---|
| API SN |
| API SM |
| API SL |
| API SJ |
| ACEA A3/B3 |
| ACEA A3/B4 |
| AAE (STO 003) Group B7 |
| Ford WSS-M2C937-A |

Properties and Specifications

| Property | |
|---|---|
| Grade | SAE 0W-40 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 70.8 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 12.9 |
| Pour Point, °C, ASTM D97 | -60 |

| Property | |
|---|---|
| Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684 | 21600 |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 3.6 |
| Phosphorus, mass%, ASTM D4951 | 0.1 |
| Ash, Sulfated, mass%, ASTM D874 | 1.34 |
| Total Base Number, mgKOH/g, ASTM D2896 | 12.6 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 226 |
| Density @ 15 C, g/cm3, ASTM D4052 | 0.846 |

### 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.aspx

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06-2021

