



## Mobil 1™ FS 0W-40

Mobil Passenger Vehicle Lube , Switzerland

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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, mm <sup>2</sup> /s, ASTM D445	70.8
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /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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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](http://www.exxonmobil.com)

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