



## **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, 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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