



Mobil 1™ FS 5W-40

Mobil Passenger Vehicle Lube , Taiwan

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ FS 5W-40 is an advanced full synthetic motor oil engineered for the latest gasoline and diesel engine technology (without GPFs and DPFs) delivering ex all-around performance. It provides exceptional cleaning performance, wear protection , stability and overall performance for long lasting power . Mobil 1 FS 5 keeps your engine running like new and allows for maximum oil drain interval up to 20,000 km\*

\*Please refer to the recommendations in OEM Manual for ODI application.

Features and Benefits

- Meets or exceeds the latest OEM and industry approvals
- Provides excellent overall performance over the full oil drain interval for long lasting power
- Keeps Your Engine Running Like New and Proven protection for up to 200,000 km\*
- Allows for maximum oil drain interval up to 20,000 km\*\*
- Excellent cleaning power for your engine to prevent the build up of harmful deposits
- Provides outstanding high temperature performance over the entire oil drain interval
- Provides proven engine performance over a wide temperature range including cold weather engine start up
- Strong performance on anti-wear and LSPI protection

\*Based on MADS testing.

\*\*Always check OEM manual and consult mechanics for recommended oil drain interval.

Applications

Mobil 1 FS 5W-40 is recommended by ExxonMobil for all types of vehicles, including high-performance turbo-charged, supercharged gasoline and certain multi-valve fuel injected engines found in passenger cars, SUVs, light vans and trucks ( without GPF and DPFs)

- Mobil 1 FS 5W-40 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Always check your owner's manual for the manufacturer's recommended oil viscosity grade, API service classification and any builder approval.

Specifications and Approvals

This product has the following approvals:
BMW Longlife 01
MB-Appoval 229.5
MB-Approval 229.3
RENAULT RN0700
RENAULT RN0710

**This product has the following approvals:**

VW 502 00

VW 505 00

Porsche A40

**This product is recommended for use in applications requiring:**

API CF

**This product meets or exceeds the requirements of:**

API SM

API SN

API SN PLUS

API SP

ACEA A3/B3

ACEA A3/B4

Fiat 9.55535-M2

**Properties and Specifications**

Property	
Grade	SAE 5W-40
Viscosity Index, ASTM D2270	170
Density @ 15.6 C, g/ml, ASTM D4052	0.841
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	13.2
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.7
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	81
Flash Point, Cleveland Open Cup, °C, ASTM D92	241
Ash, Sulfated, mass%, ASTM D874	1.1
Total Base Number, mgKOH/g, ASTM D2896	12.5
Pour Point, °C, ASTM D97	-40

**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.as>  
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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 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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