



Mobil 1™ FS X2 5W-50

Mobil Passenger Vehicle Lube , Taiwan

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ FS X2 5W-50 is an advanced full synthetic motor oil designed to deliver excellent all-round protection. This race-proven technology is suited for extreme driving conditions and motorsport applications. Racing or normal driving, Mobil 1 FS X2 5W-50 helps to provide engine performance and protection for an outstanding driving experience.

Features and Benefits

Mobil 1 FS X2 5W-50's wide viscosity grade helps to provide a flexible combination of powerful protection agents that provide outstanding performance in many driving situations.

Features	Advantages and Potential Benefits
Prevents deposits and sludge build-up to enable long and clean engine life.	
Anti-oxidants to help improve oil life.	
Performs and protects at low temperatures.	
Wide viscosity grade to help provide a flexible combination of high and low temperature protection.	

Applications

Mobil 1™ FS x2 5W-50 is recommended by ExxonMobil for all types of vehicles, including high-performance turbo-charged, supercharged gasoline and certain diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and trucks.

- Mobil 1 FS X2 5W-50 is engineered for many gasoline and diesel (without GPFs and DPFs) engine technologies
- Mobil 1 FS X2 5W-50 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 and specifications for your particular vehicle.

Specifications and Approvals

This product has the following approvals:
MB-Approval 229.3
Porsche A40

This product is recommended for use in applications requiring:
API CF

This product is recommended for use in applications requiring:

FIAT 9.55535-M2

This product meets or exceeds the requirements of:

API SJ

API SL

API SM

API SN

API SN PLUS

API SP

ACEA A3/B3

ACEA A3/B4

LEXUS LFA Service Fill

Properties and Specifications

Property	
Grade	SAE 5W-50
Total Base Number, mgKOH/g, ASTM D2896	12.5
Ash, Sulfated, mass%, ASTM D874	1
Flash Point, Cleveland Open Cup, °C, ASTM D92	225
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	113
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	4.3
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	18.6
Density @ 15.6 C, g/ml, ASTM D4052	0.841
Viscosity Index, ASTM D2270	185
Pour Point, °C, ASTM D97	-37
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	31600

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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07-2024

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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

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