



**Mobil 1™ FS X2 5W-50**  
Mobil Passenger Vehicle Lube , Papua New Guinea  
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 conditions and motorsport applications.

Racing or normal driving, Mobil 1 FS X2 5W-50 helps to provide heavy-duty engine performance and protection for an outstanding driving experience.

**Features and Benefits**

Mobil 1™ FS X2 5W-50 is made with a proprietary blend of ultra high performance synthetic basestocks fortified with a precisely balanced component system. 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
▪ 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 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 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:
Porsche A40

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

This product meets or exceeds the requirements of:
API SN
ACEA A3/B3

This product meets or exceeds the requirements of:
ACEA A3/B4

Properties and Specifications

Property	
Grade	SAE 5W-50
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	17.1
Pour Point, °C, ASTM D97	-42
Total Base Number, mgKOH/g, ASTM D2896	12.6
Density @ 15 C, g/cm3, ASTM D4052	0.85
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	104
Ash, Sulfated, mass%, ASTM D874	1.3
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	4.4
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	24800

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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