



## Mobil 1™ FS X2 5W-50

Mobil Passenger Vehicle Lube , Canada

Advanced Full Synthetic Motor Oil

### Product Description

Mobil 1™ is the world's leading synthetic motor oil brand delivering our ultimate performance and protection.

Mobil 1 FS X2 5W-50 Advanced Synthetic Motor Oil is our tried and trusted formulation delivering great all-round performance. Mobil 1 FS X2 5W-50 keeps your engine performing like new. 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 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.

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- Prevents deposits and sludge build-up to enable long and clean engine life
- Anti-oxidants to help improve oil life
- High performance basestocks combined with a precisely balanced component system for excellent all-round wear protection
- Wide viscosity grade to help provide a flexible combination of high and low temperature protection
- Performs and protects at low temperatures

### Applications

The balanced technology of Mobil 1 FS X2 5W-50 helps to make it suitable for many types of vehicles and operating conditions, from mild to severe.

- Many gasoline and diesel (without Diesel Particulate Filter) engine technologies
- 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 229.1

**This product has the following approvals:**

MB 229.3

PORSCHE A40

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

API CF

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

API SN

API SM

API SL

API SJ

ACEA A3/B3-16

ACEA A3/B4-16

**Properties and Specifications**

Property	
Grade	SAE 5W-50
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	17.1
Pour Point, °C, ASTM D97	-42
Total Base Number, mgKOH/g, ASTM D2896	12.6
Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052	0.85
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	104.3
Ash, Sulfated, mass%, ASTM D874	1.34
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10 <sup>(6)</sup> sec <sup>(-1)</sup> , 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
Viscosity Index, ASTM D2270	179

**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 Imperial Oil contact or visit [www.imperialoil.ca](http://www.imperialoil.ca). ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Imperial Oil, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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