



## Mobil 1™ FS X1 5W-50

Mobil Passenger Vehicle Lube , Belgium

Advanced Full Synthetic Motor Oil

### Product Description

Mobil 1™ is the world's leading synthetic motor oil brand delivering our ultimate performance and protection. The Mobil 1 technology keeps your engine running like new. Mobil 1™ FS x1 5W-50 is an advanced performance synthetic engine oil designed to help provide exceptional cleaning power.

### Features and Benefits

Mobil 1™ FS x1 5W-50 is made with a proprietary blend of high performance synthetic base stocks fortified with a precisely balanced component system providing:

- Engine wear protection and lubrication over the full oil drain interval.
- Excellent protection for your engine by helping to prevent the buildup of harmful deposits
- Enhanced cleaning technology for cars with higher mileage; 100 000km +
- Improved protection against variable fuel quality\*
- Protection for your engine during start-up at low temperatures

\* Performance compared in industry standard tests, which use fuels designed to promote sludge formation.

### Applications

Mobil 1 FS x1 5W-50 is recommended for many types of vehicles with higher mileage; > 100 000 km

### Specifications and Approvals

<b>This product has the following approvals:</b>
MB-Approval 229.1
MB-Approval 229.3
Porsche A40

<b>This product is recommended for use in applications requiring:</b>
API CF
FIAT 9.55535-M2

<b>This product meets or exceeds the requirements of:</b>
API SM

<b>This product meets or exceeds the requirements of:</b>
API SN
ACEA A3/B3
ACEA A3/B4
LEXUS LFA Service Fill

### Properties and Specifications

Property	
Grade	SAE 5W-50
Noack Volatility, 1 h, 250 C, mass%, ASTM D5800	75
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	16.7
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	23000
Flash Point, Cleveland Open Cup, °C, ASTM D92	240
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	4.5
Base Number, mgKOH/g, ASTM D2896	13
Cold-Cranking Simulator, Apparent Viscosity @ -30 C, mPa.s, ASTM D5293	6000
Shear Stability, Kinematic Viscosity @ 100 C, after Shear, mm <sup>2</sup> /s, ASTM D6278	16.6
Pour Point, °C, ASTM D97	-45

### 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 ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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