



## Mobil 1™ FS 0W-30

Mobil Passenger Vehicle Lube , New Caledonia

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 0W-30 is an advanced full synthetic engine oil designed delivering great engine performance beyond conventional engine oils. Mobil 1 FS 0W-30 is engineered for the latest gasoline and diesel (without Diesel Particulate Filters or DPFs) engine technology delivering excellent all-round performance. It provides exceptional cleaning power, wear protection and overall performance even during longer oil change intervals. Mobil 1 FS 0W-30 keeps your engine running like new in all driving conditions.

### Features and Benefits

Mobil 1 FS 0W-30 is engineered with a proprietary blend of ultra high performance synthetic basestocks fortified with a precisely balanced component additive system.

- Successfully challenged 18,000 KMs Oil Drain Interval\*
- Keep your engine running like new
- Ultimate Engine Performance and Wear Protection
- Enhanced Frictional Properties, Aids Fuel Economy
- Helps start-up in the low temperature
- Excellent engine cleanliness under variable fuels
- Protects engines working under high temperatures

\* Proven by actual road test in China (18,000 KMs oil drain interval and 167,000 KMs distance traveled on the road)

### Applications

Mobil 1 FS 0W-30 is recommended for many types of modern vehicles where it will help provide the performance required even under very demanding driving conditions.

- Latest diesel and gasoline (without DPF) engine technologies including high performance, turbo-charged, direct injection, and hybrids found in passenger cars, SUVs, light vans and trucks
- 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

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| <b>This product has the following approvals:</b> |
| MB 229.3   |
| MB 229.5   |

**This product has the following approvals:**

VW 502 00

VW 505 00

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

API CF

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

API SL

ACEA A3/B3

ACEA A3/B4

**Properties and Specifications**

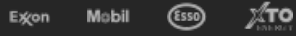
| Property  |       |
|---|-------|
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445            | 12.2  |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445             | 66.8  |
| Viscosity Index, ASTM D2270   | 182   |
| Ash, Sulfated, mass%, ASTM D874                                       | 1.3   |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 3.6   |
| Phosphorus, mass%, ASTM D4951   | 0.10  |
| Flash Point, °C, ASTM D92   | 228   |
| Total Base Number, mgKOH/g, ASTM D2896                                | 12.6  |
| Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684  | 20800 |
| Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052                        | 0.847 |

**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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