



Mobil 1™ FS X2 5W-40

Mobil Passenger Vehicle Lube , Laos

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ FS X2 5W-40 European Car Formula is an advanced full synthetic motor oil engineered for the latest gasoline and diesel (without DPFs) engine technology delivering excellent all-around performance. It provides exceptional cleaning power, wear protection and overall performance.

Features and Benefits

Mobil 1 FS X2 5W-40 is made with a proprietary blend of ultra-high performance synthetic basestocks fortified with a precisely balanced component system.

| Features | Advantages and Potential Benefits |
|---|---|
| Outstanding thermal and oxidation stability | Helps to resist oil aging allowing extended drain interval protection |
| Excellent low temperature capabilities | Outstanding cold starting and fast lubrication to protect against wear |
| Active cleaning agents | Designed to clean up sludge left behind in your engine |
| Low oil volatility | Helps reduce oil consumption |
| High viscosity index | Excellent overall lubrication and wear protection performance for many driving styles and conditions, from mild to severe |

Applications

Mobil 1 FS X2 5W-40 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-40 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, API service classification and any builder approval.

Specifications and Approvals

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

ACEA A3/B3

ACEA A3/B4

Properties and Specifications

| Property | |
|--|-----------|
| Grade | SAE 5W-40 |
| Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445 | 13.6 |
| Total Base Number, mgKOH/g, ASTM D2896 | 12.6 |
| Pour Point, °C, ASTM D97 | -45 |
| Density @ 15 C, g/cm ³ , ASTM D4052 | 0.849 |
| Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445 | 80 |
| Ash, Sulfated, mass%, ASTM D874 | 1.3 |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10 ⁶ sec ⁻¹ , mPa.s, ASTM D4683 | 3.8 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 227 |
| Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684 | 17000 |

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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