



## Mobil 1™ ESP X4 0W-40

Mobil Passenger Vehicle Lube , Vietnam

Advanced Multigrade Synthetic Four-Stroke Motorcycle Engine Oil

### Product Description

Mobil 1™ ESP X4 0W-40 is an advanced full synthetic engine oil specifically designed to provide outstanding wear protection, engine cleanliness, and strong durability to keep your engine running like new.

Mobil 1™ ESP X4 0W-40 combines durability and protection with a low friction engine oil that was designed in cooperation with key European Original Equipment Manufacturers (OEMs).

Mobil 1™ ESP X4 0W-40 has been expertly engineered to help prolong the life and maintain the efficiency of emission systems in new emerging diesel and gasoline powered European vehicles that require SAE 0W-40 viscosity grades.

### Features and Benefits

Mobil 1™ ESP X4 0W-40 is made with a proprietary blend of leading edge components formulated to be fully compatible with the latest Diesel Particulate Filters (DPF) and Gasoline Catalytic Converters (CAT). Mobil 1™ ESP X4 0W-40 has been designed to help deliver outstanding performance and protection.

Key features and potential benefits include:

- Reduce particulate buildup in diesel particulate filters
- Reduce poisoning of gasoline catalytic converters
- Reduce deposits and sludge buildup to enable long and clean engine life
- Reduce oil aging, allowing extended drain interval protection

### Applications

Mobil 1™ ESP X4 0W-40 is recommended for high-performance gasoline and diesel engines in the latest passenger cars, SUVs and light vans that require SAE 0W-40 viscosity grades.

- Mobil 1™ ESP X4 0W-40 helps to protect exhaust gas after-treatment systems designed to limit engine emissions.
- Mobil 1™ ESP X4 0W-40 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Always consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and specifications

### Specifications and Approvals

This product has the following approvals:
Porsche A40
PORSCHE C40

**This product has the following approvals:**

VW 511 00

MB 229.52

MB 229.51

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

API CF

ACEA C2-21 Application Suitable

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

API SP

Recommended by ExxonMobil for applications requiring ACEA C2

FIAT FIAT 9.55535-S2

**Properties and Specifications**

Property	
Grade	SAE 0W-40
Total Base Number, mgKOH/g, ASTM D2896	9.1
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.8
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	13.9
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	72
Viscosity Index, ASTM D2270	201
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	21100
Density @ 15 C, g/ml, ASTM D4052	0.846
Pour Point, °C, ASTM D97	-54
Flash Point, Cleveland Open Cup, °C, ASTM D92	230

**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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