



Mobil 1™ ESP X4 0W-40

Mobil Passenger Vehicle Lube , Japan

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ ESP X4 0W-40 is an advanced full synthetic engine oil specifically designed to provide outstanding engine cleanliness, wear protection, strong durability to keep your engine running like new. Mobil 1™ ESP X4 0W-40 is our latest technology combining 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's) and Gasoline Catalytic Converters (CAT's).

Mobil 1™ ESP X4 0W-40 has been designed to help deliver outstanding performance and protection. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Active cleaning agents	Helps to prevent the buildup of harmful deposits to enable long and clean engine life** Provides outstanding engine cleanliness and sludge control.
Outstanding thermal and oxidation stability	Helps to reduce oil aging allowing extended drain interval protection
Excellent low temperature capabilities	Quick cold weather performance to help provide fast protection at start-up
Outstanding high temperature capabilities	Provided outstanding high temperature protection over the entire oil drain interval**
Wear protection	Provides outstanding wear protection over the full oil drain interval**
	**Compared to vehicle manufacturer standard

Applications

Mobil 1™ ESP X4 0W-40 is recommended for the new high-performance gasoline and diesel engines found in emerging European vehicles that require SAE 0W-40 viscosity grades, or China 6 vehicles that has GPF (gasoline particulate filter) / DPF (diesel particulate filter).

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:
VW 511 00

This product has the following approvals:

Porsche C40

MB-Approval 229.52

MB-Approval 229.51

Porsche A40

This product is recommended for use in applications requiring:

API CF

Recommended by ExxonMobil for applications requiring ACEA C2

This product meets or exceeds the requirements of:

ACEA C3

FIAT FIAT 9.55535-S2

API SP

Properties and Specifications

Property	
Grade	SAE 0W-40
Ash, Sulfated, mass%, ASTM D874	0.8
Density @ 15 C, g/ml, ASTM D4052	0.844
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.8
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	13.9
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	72
Viscosity Index, ASTM D2270	201
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	21100
Pour Point, °C, ASTM D97	-54
Total Base Number, mgKOH/g, ASTM D2896	9.1

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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07-2024

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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

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