Mobil 1™ ESP X4 0W-40

Mobil Passenger Vehicle Lube , Ghana

Advanced Synthetic Technology Engine Oil

Product Description

Mobil 1™ ESP x4 0W-40 is an advanced synthetic technology engine oil specifically designed to provide outstanding performance for high powered engines, providing outstanding engine cleanliness, wear protection, strong durability and advanced fuel economy(1) (2). Mobil 1™ ESP x4 0W-40 has been expertly engineered to help prolong the life in new emerging gasoline powered European vehicles. It is the latest technology developed within the framework of the collaboration established with Porsche AG for over the past 25 years.

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 Gasoline Particulate filters (GPF's). Mobil 1 ESP x4 0W-40 has been designed to help deliver outstanding performance and protection in conjunction with advanced fuel economy benefits. Key features and potential benefits(3) include:

Features	Advantages and Potential Benefits
Active cleaning agents	Contributes to deliver outstanding engine cleanliness and sludge control
Outstanding high-temperature thermal and oxidation stability	Helps to reduce oil aging for protection throughout your oil drain interval
Enhanced frictional properties	Helps improve fuel economy
Excellent low temperature capabilities	Quick cold weather performance to help provide protection at start-up
High temperature oil film resistance	Contributes to outstanding wear protection

Applications

Mobil 1 ESP x4 0W-40 is recommended for high-performance gasoline or Diesel engines equipped with GPF or DPF (particulate filters) and selected gasoline engines without GPF.

- Mobil 1 ESP x4 0W-40 is particularly recommended in modern Audi, Bentley, Lamborghini, Mercedes AMG and Porsche high power engines calling for A40 / C40 / VW 511 00 / MB 229.52 oil specifications.(4)
- Mobil 1 ESP x4 0W-40 is not suitable for Porsche vehicles requiring a an C20, C30 or C40 GT approved Mobil 1 engine oil. Mobil 1™ ESP X4 0W-40 cannot be used in Porsche GT engines. There is a separate Mobil 1 product for GT engines, Mobil 1™ C40 GT 0W-40.

Notes:

(1): according to VW PV1496 FE tests.

(2): Actual savings are dependent upon vehicle and engine type, outside temperature and barometric pressure, driving conditions and your current engine oil viscosity.

(3): Based on industry and OEM standard engine tests.

(4): 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 C40
VW 511 00
MB-Approval 229.52
MB-Approval 229.51
Porsche A40
GM dexosR

This product is recommended for use in applications requiring:
API CF

This product meets or exceeds the requirements of:
API SP
ACEA C3
API SQ

Properties and Specifications

Property	
Grade	SAE 0W-40
Pour Point, °C, ASTM D97	-54
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	72
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.9
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.8
Density @ 15 C, g/ml, ASTM D1298	0.846
Viscosity Index, ASTM D2270	201

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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ExxonMobil Egypt (S.A.E.)

1097 Cornish El-Nil, Garden City, Cairo, Egypt

+ 20 2 795 4850/60
http://www.exxonmobil.com

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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