Mobil 1™ ESP 0W-30

Mobil Passenger Vehicle Lube , Japan

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ ESP 0W-30 is an advanced synthetic engine oil designed to help provide exceptional cleaning power, wear protection and overall performance. Mobil 1™ ESP 0W-30 has been expertly engineered to help prolong the life and maintain the efficiency of emission systems in both diesel and gasoline powered automobiles. Mobil 1™ ESP 0W-30 meets or exceeds the requirements of many leading industry and car manufacturers' standards required for newer modern diesel and gasoline powered passenger car engines.

Features and Benefits

Mobil 1™ ESP 0W-30 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 0W-30 has been designed to help deliver outstanding performance and protection in conjunction with potential fuel economy benefits. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Low Ash Content	Helps to reduce particulate build up in Diesel Particulate Filters
Low Sulfur and Phosphorous content	Helps to reduce poisoning of Gasoline Catalytic Converters
Active cleaning agents	Helps to reduce deposits and sludge build-up to enable long and clean engine life
Outstanding thermal and oxidation stability	Helps to reduce oil aging allowing extended drain interval protection
Low oil consumption	Less hydrocarbon pollution
Enhanced frictional properties	Potentially aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting and ultra-fast protection Helps to extend engine life

Applications

Mobil 1™ ESP 0W-30 is recommended for many types of modern automobile engines, especially the high-performance gasoline and diesel engines found in the latest passenger cars, SUVs and light vans.

Mobil 1™ ESP 0W-30 is especially suitable for extreme conditions, where conventional oil often may not perform. It 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:
MB-Approval 229.31

This product has the following approvals:
MB-Approval 229.51
MB-Approval 229.52
Porsche C30
VW 504 00
VW 507 00

This product is recommended for use in applications requiring:
Recommended by ExxonMobil for applications requiring ACEA C2

This product meets or exceeds the requirements of:
API SL
ACEA C3
API SN Engine Test Requirements
API SN PLUS ENGINE TEST REQUIREMENTS
API SP ENGINE TEST REQUIREMENTS

Properties and Specifications

Property	
Grade	SAE 0W-30
Flash Point, °C, ASTM D92	230
Ash, Sulfated, wt%, ASTM D874	0.8
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	18400
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.5
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	65
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12.2
Density @ 15.6 C, g/ml, ASTM D4052	0.845
Total Base Number, mgKOH/g, ASTM D2896	8.4
Pour Point, °C, ASTM D97	-51

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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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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