Mobil

Mobil 1™ ESP 0W-30

Mobil Passenger Vehicle Lube , Turkey

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ ESP 0W-30 is an advanced full 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 carries recommendations for a wide range of passenger cars, SUVs and light vans. It is designed for modern high efficiency gasoline, diesel and hybrid cars from Porsche, Volkswagen and Mercedes-Benz as well as for Japanese and Korean vehicles that specifically call for a SAE 0W-30 viscosity grade and any of the specifications the oil supports.

• Mobil 1™ ESP 0W-30 based on Mobil low-ash synthetic technology, meets or exceeds ACEA C3 industry standard to help protect exhaust gas after-treatment systems designed to limit engine emissions. It also meets or exceeds API SP engine test requirements to help address LSPI (Low Speed Pre-Ignition), making it a preferred choice for downsized direct injection turbocharged gasoline engines.

• Mobil 1™ ESP 0W-30 is especially suitable for extreme conditions, where conventional oil often may not perform. In particular, it can help cold engine protection and start-up in applications calling for the same specification in the 5W-30 grade.

• Mobil 1™ ESP 0W-30 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Owner's manual should be consulted for recommended viscosity grade and specification.

Specifications and Approvals

This product has the following approvals:
MB-Approval 229.31
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
API SQ Engine Test Requirements

Properties and Specifications

Property	
Grade	SAE 0W-30
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	64.8
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12.2
Density @ 15.6 C, g/ml, ASTM D4052	0.846
Pour Point, °C, ASTM D97	-51
Flash Point, °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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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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