



Mobil 1™ ESP 0W-30

Mobil Passenger Vehicle Lube , Qatar

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

Properties and Specifications

| Property | |
|--|-----------|
| Grade | SAE 0W-30 |
| Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445 | 64.8 |
| Kinematic Viscosity @ 100 C, mm ² /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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