



## Mobil 1™ ESP 0W-30

Mobil Passenger Vehicle Lube , Singapore

Advanced Multigrade Synthetic Four-Stroke Motorcycle Engine Oil

### Product Description

Mobil 1™ ESP 0W-30 is an advanced full synthetic engine oil designed to provide exceptional engine performance, wear protection and cleaning power.

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 is recommended by TATA Motors for all BS4 and BS6 vehicles with Tata powertrains.

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

Mobil 1™ 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.

### Specifications and Approvals

**This product has the following approvals:**

Porsche C30

MB-Approval 229.52

MB-Approval 229.51

MB-Approval 229.31

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 SP ENGINE TEST REQUIREMENTS

API SN PLUS ENGINE TEST REQUIREMENTS

API SN Engine Test Requirements

ACEA C3

API SQ Engine Test Requirements

**Properties and Specifications**

| Property  |           |
|---|-----------|
| Grade   | SAE 0W-30 |
| Total Base Number, mgKOH/g, ASTM D2896                                | 8.4       |
| Density @ 15.6 C, g/ml, ASTM D4052                                    | 0.845     |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445            | 12.2      |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445             | 65        |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 3.5       |
| Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684  | 18400     |
| Ash, Sulfated, wt%, ASTM D874   | 0.8       |
| Flash Point, °C, ASTM D92   | 230       |
| 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](http://www.exxonmobil.com)

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