



## Mobil 1™ ESP Formula P 5W-30

Mobil Passenger Vehicle Lube , Malaysia

Advanced Full Synthetic Engine Oil

### Product Description

Mobil 1™ ESP Formula P 5W-30 is an advanced full synthetic engine oil designed to help provide exceptional cleaning power, wear protection and overall performance. It is expertly engineered to help prolong the life and maintain the efficiency of emission systems in both diesel and gasoline powered automobiles.

Mobil 1™ ESP Formula P 5W-30 meets or exceeds the requirements of many leading industry and car manufacturers' standards required for newer modern passenger car engines, including Peugeot / Citroën Automobiles approvals.

### Features and Benefits

Mobil 1™ ESP Formula P 5W-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 Formula P 5W-30 has been designed to help deliver outstanding performance and protection in conjunction with 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 Sulphur 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	Aids fuel economy

### Applications

Recommended for all types of modern automobile engines, especially high-performance gasoline and diesel engines found in the latest passenger cars, SUVs and light vans.

- Mobil 1™ ESP Formula P 5W-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:**

PSA B71 2290

PSA B71 2297

GM dexos2

MB-Approval 229.31

MB-Approval 229.51

MB 229.52

**This product is recommended for use in applications requiring:**

API CF

**This product meets or exceeds the requirements of:**

API SN

API SM

ACEA C3

ACEA C2

**Properties and Specifications**

Property	
Grade	SAE 5W-30
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	11.8
Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052	0.846
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	10350
Ash, Sulfated, mass%, ASTM D874	0.8
Total Base Number, mgKOH/g, ASTM D2896	8.4
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	3.5
Pour Point, °C, ASTM D97	-48
Flash Point, Cleveland Open Cup, °C, ASTM D92	239

**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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