



## Mobil 1™ ESP Formula P 5W-30

Mobil Passenger Vehicle Lube , Austria

Advanced Full Synthetic Engine Oil

### Product Description

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

Mobil 1 keeps your engine running like new!

### Features and Benefits

Mobil 1™ ESP Formula P 5W-30 is made with a proprietary blend of leading edge components formulated to help provide exceptional cleaning power and wear protection, in conjunction with fuel economy benefits.

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 and adequate engine protection and operation in hot climate countries
Enhanced frictional properties	Aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting and fast protection to help extend engine life

### Applications

Mobil 1™ ESP Formula P 5W-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 PSA (Peugeot, Citroen), Mercedes-Benz and General Motors, as well as for Japanese and Korean vehicles that specifically call for a SAE 5W-30 viscosity grade and any of the specifications the oil supports, allowing for extended oil change intervals where recommended by the manufacturer.

Mobil 1™ ESP Formula P 5W-30 is designed to be fully compatible with the latest Diesel Particulate Filters (DPF's) and Gasoline Catalytic Converters (CAT's), and deliver outstanding performance and protection making it the product of choice for vehicles operating under hot climates.

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

### Specifications and Approvals

**This product has the following approvals:**

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GM dexos2

MB-Approval 229.31

MB-Approval 229.51

MB-Approval 229.52

PSA B71 2290

PSA B71 2297

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

API CF

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

API SJ

API SL

API SM

API SN

ACEA C2

ACEA C3

**Properties and Specifications**

Property	
Grade	SAE 5W-30
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	11.8
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	64
Flash Point, Cleveland Open Cup, °C, ASTM D92	239
Pour Point, °C, ASTM D97	-48
Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052	0.846

**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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