



## Mobil 1™ ESP Formula P 5W-30

Mobil Passenger Vehicle Lube , Morocco

Advanced Full Synthetic Engine Oil

### Product Description

Mobil 1 ESP Formula P 5W-30 is an advanced performance synthetic technology 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, Sulphur, and Phosphorous content	Helps to reduce particulate build up in Diesel particulate filters and poisoning of gasoline catalytic converters
LSPI protection	Helps prevent destructive premature combustion events in gasoline turbocharged downsized engines
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 also in hot climate countries
Enhanced frictional properties	Aids fuel economy; allows meeting or exceeding the combined requirements of both ACEA C2 and C3
Excellent low temperature capabilities	Quick cold weather starting and fast protection to help extend engine life
Robust anti-wear properties	Helps protect engine parts such as timing chains, cams, tappets, cylinders subject to severe mechanical stresses

### 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 Stellantis (Peugeot, Citroën, Opel, Vauxhall, DS), Mercedes-Benz Group (MB, Smart) and General Motors (Chevrolet, Cadillac), 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.

Mobil 1 ESP Formula P 5W-30 is fully qualified by Stellantis for DV5R Diesel engines (1.5L Blue HDi Diesel engines), DW12RU Diesel engines, and EB2 Turbo Gen1 Gasoline engines (Euro 6.1 engines, manufactured from 2014 till August 2018) requiring FPW9.55535/03 approval, and for cars operating in hot climate countries where PSA B 71 2297 approval is required.

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 to deliver outstanding performance and protection making it the product of choice for vehicles operating under hot climates and allowing for extended oil change intervals where recommended by the manufacturer.

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

### Specifications and Approvals

<b>This product has the following approvals:</b>
GM dexos2
MB-Approval 229.31
MB-Approval 229.51
MB-Approval 229.52
PSA B71 2290
PSA B71 2297
STELLANTIS FPW9.55535/03

<b>This product is recommended for use in applications requiring:</b>
API CF

<b>This product meets or exceeds the requirements of:</b>
API SJ
API SL
API SM
API SN
ACEA C2
ACEA C3

### Properties and Specifications

<b>Property</b>	
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

Property	
Density @ 15 C, g/cm3, 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>

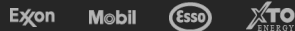
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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. 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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