



Mobil 1™ ESP Formula P 5W-30

Mobil Passenger Vehicle Lube , Czech Republic

Advanced Synthetic Technology 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 is fully approved by Stellantis for use in diesel and gasoline engines that require the latest spec FPW9.55535/03. This includes the following Stellantis engines:

- Diesel engines: DV5R (1.5L Blue HDi), DW10F (2.0L Blue HDi) and DW12RU (2.2L Blue HDi),
- Gasoline engines: 1.2L PureTech engines including EB2 Turbo Gen1 (EB2DT series), EB2 Turbo Gen2 (EB2ADT series), and 1.2L PureTech Atmospheric (EB2 Atmo Gen1 & Gen2 series)

Mobil 1 ESP Formula P 5W-30 is also applicable for cars operating in hot climate countries where PSA B 71 2297 approval is required.

The owner's manual and/or the latest OEM recommendations (e.g., Technical Service Bulletins, Digital Platforms) should be consulted to determine the appropriate engine oil viscosity grade and specification.

Specifications and Approvals

| This product has the following approvals: |
|---|
| GM dexos2 |
| MB-Approval 229.31 |
| MB-Approval 229.51 |

This product has the following approvals:

MB-Approval 229.52

PSA B71 2290

PSA B71 2297

STELLANTIS FPW9.55535/03

FPW9.55535/05 is the name of FPW9.55535/03 outside of Europe

This product is recommended for use in applications requiring:

API CF

OV 040 1547 – D30

OV 040 1547 – G30

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 ² /s, ASTM D445 | 11.8 |
| Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445 | 64 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 239 |
| Pour Point, °C, ASTM D97 | -48 |
| Density @ 15 C, g/cm ³ , ASTM D4052 | 0.846 |
| Viscosity Index, ASTM D2270 | 183 |

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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03-2026

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

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