Mobil

Mobil 1™ ESP 5W-30

Mobil Passenger Vehicle Lube , Bulgaria

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ ESP 5W-30 advanced performance synthetic engine oil is a select member of Mobil 1™, the world's leading synthetic engine oil brand delivering our ultimate performance and protection. Mobil 1™ ESP 5W-30 is engineered to deliver excellent all-round protection for Euro 6 and prior gasoline and diesel powered automobiles, and meets or exceeds the requirements of many leading car manufacturers.

Mobil 1 keeps your engine running like new!

Features and Benefits

Mobil 1 ESP 5W-30 is made with a proprietary blend of leading edge components formulated to help provide exceptional cleaning power and wear protection, and be fully compatible with the Diesel Particulate Filters (DPF's) and Gasoline Catalytic Converters (CAT's).

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 clean and long engine life
Excellent thermal and oxidative stability	Helps to reduce oil aging allowing extended drain interval protection
Excellent low temperature capabilities	Quick cold weather starting and fast protection to help extend engine life
Meets industry latest LSPI requirements for gasoline direct injection turbocharged engines	Helps prevent engine breakdown resulting from pre-ignition occurrences at engine low speed and high torque operation

Applications

Mobil 1 ESP 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 Porsche, BMW, Volkswagen, Opel and Mercedes-Benz 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 5W-30 is a low ash (mid SAPS) engine oil to help protect exhaust gas after-treatment systems designed to limit engine emissions. It fully meets or exceeds ACEA C3 industry standard and is suitable for the operation and protection of engines and after-treatment systems of vehicles calling for ACEA C2. However it only provides the fuel economy potential required by the C3 and not the C2 classification.

• Mobil 1 ESP 5W-30 meets or exceeds the requirements of 'API SP' industry standard therefore helping address LSPI (Low Speed Pre-Ignition) and making it a preferred choice for modern downsized direct injection turbocharged gasoline engines.

• Mobil 1 ESP 5W-30 is especially suitable for extreme conditions where conventional oil often may not perform.

• Mobil 1 ESP 5W-30 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

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

Specifications and Approvals

This product has the following approvals:
BMW Longlife-04

This product has the following approvals:
VW 504 00
VW 507 00
Porsche C30
MB-Approval 229.51
MB-Approval 229.52

This product is recommended for use in applications requiring:
OV 040 1547 – G30
OPEL OV 040 1547 – G30
OV 040 1547 – D30
Recommended by ExxonMobil for applications requiring ACEA C2

This product meets or exceeds the requirements of:
API SN
API SN PLUS
API SP
API SQ
FIAT 9.55535-S3

Properties and Specifications

Property	
Grade	SAE 5W-30
Pour Point, °C, ASTM D97	-42
Flash Point, Cleveland Open Cup, °C, ASTM D92	221
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	69
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12
Density @ 15.6 C, g/ml, ASTM D4052	0.851
Viscosity Index, ASTM D2270	171

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

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