Mobil

Mobil 1™ ESP 5W-30

Mobil Passenger Vehicle Lube , Myanmar

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ ESP 5W-30 is advanced full synthetic motor oil has been expertly engineered to help prolong the life and maintain the efficiency of emission systems in both diesel and gasoline-powered automobiles.

It meets or exceeds the requirements of many leading industry and car manufacturers' standards required for newer modern passenger car engines, including Volkswagen, Mercedes-Benz and General Motors approvals, as well as Japanese and Korean vehicles that specifically call for a SAE 5W-30 viscosity grade and any of the specifications the oil supports.

Features and Benefits

Mobil 1™ ESP 5W-30 is made with a proprietary blend of leading edge components formulated to be fully compatible with the latest Diesel Particulate Filters (DPF) and Gasoline Catalytic Converters (CAT).

Mobil 1™ ESP 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 oxidative stability	Helps to reduce oil aging allowing extended drain interval protection
Low oil consumption formulation	Less hydrocarbon pollution
Enhanced frictional properties	Aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting and fast protection to help extend engine life

Applications

Recommended for all types of modern automobile engines found in the latest passenger cars, SUVs and light vans.

• Mobil 1™ ESP 5W-30 is a low ash content (ACEA C3 mid SAPS) engine oil to help protect exhaust gas after-treatment systems designed to limit engine emissions.

• 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.

• Mobil 1™ ESP 5W-30 is also suitable for hybrid engines that require API SP, ACEA C3 specifications.

Specifications and Approvals

This product has the following approvals:
BMW Longlife 04
MB-Approval 229.51
MB-Approval 229.52

This product has the following approvals:
Porsche C30
VW 504 00
VW 507 00

This product is recommended for use in applications requiring:
FIAT 9.55535-S3
OV 040 1547 – D30
OV 040 1547 – G30
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
ACEA C3

Properties and Specifications

Property	
Grade	SAE 5W-30
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	23200
Viscosity Index, ASTM D2270	175
Density @ 15.6 C, g/ml, ASTM D4052	0.852
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	11.9
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.5
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	67
Flash Point, Cleveland Open Cup, °C, ASTM D92	221
Ash, Sulfated, mass%, ASTM D874	0.8
Total Base Number, mgKOH/g, ASTM D2896	8.8
Pour Point, °C, ASTM D97	-39

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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