Mobil

Mobil Super™ 3000 Formula D1 5W-30

Mobil Passenger Vehicle Lube , Iceland

Full Synthetic Motor Oil

Product Description

Mobil Super™ 3000 Formula D1 5W-30 is a fully synthetic high-performance engine oil designed for gasoline engines of American, Japanese and Korean car builders. The oil is designed to help provide long engine life and enhanced turbocharger and engine protection in vehicles of all ages, outperforming our conventional-synthetic blended products. It provides excellent protection against sludge, engine rust and corrosion under severe and low-temperature operating conditions, and provides optimum viscosity and fluidity across a broad temperature range. It addresses the challenges specific to downsized turbocharged direct injection gasoline engines in regards to engine and emission after-treatment system protection.

The oil meets the latest API and ILSAC industry standards required by Japanese and Korean auto builders, as well as the latest standards from General Motors and Ford for their current and older gasoline engines.

Features and Benefits

Mobil Super 3000 Formula D1 5W-30 is designed to help*:

• fuel economy and compatibility with exhaust gas after-treatment systems, both contributing to maintain emissions within regulatory limits

• prevent LSPI occurrences when engine operates at low speed and high torque

• protect engine from rust, corrosion and wear, therefore preserving long engine life

• keep engine clean, brought by the oil's excellent resistance to oxidation and protection against sludge build-up

• maintain engine efficiency through optimum oil viscosity and fluidity at low and higher operating temperatures

*: Actual performance is dependent upon vehicle and engine type, atmospheric and driving conditions and the prior engine oil and maintenance history.

Applications

Mobil Super 3000 Formula D1 5W-30 is suitable for a diversity of passenger cars, SUVs, and light commercial vehicles produced by General Motors, Ford, Chrysler, as well as Japanese and Korean builders.

• Mobil Super 3000 Formula D1 5W-30 is recommended in most recent and older models of General Motors and Ford vehicles to ensure effective turbocharger protection and engine cleanliness.

• Mobil Super 3000 Formula D1 5W-30 is recommended for all Japanese or Korean gasoline fueled vehicle requiring a 5W-30 oil with an API or ILSAC service level of any category.

Mobil Super 3000 Formula D1 5W-30 is classified by the 'American Petroleum Institute' (API) as ""SP Resource Conserving"" and by the 'International Lubricant Standardization and Approval Committee' (ILSAC) as GF-6A. These categories define oils which in addition to providing excellent engine protection also demonstrate fuel economy improvement in accordance to the latest industry requirements. These standards are backward compatible with earlier performance levels such as API SN Plus, SN, SM, SL and ILSAC GF-5, GF-4...

Owner's manual should always be consulted for recommended oil viscosity grades and specifications.

Specifications and Approvals

This product has the following approvals:
GM dexos1:GEN3 Licensed
VW VWC 53034

This product is recommended for use in applications requiring:
Chrysler MS-6395
FIAT 9.55535-CR1
Ford WSS-M2C929-A
GM 6094M

This product meets or exceeds the requirements of:
API SP
API SP Resource Conserving
Ford WSS-M2C946-A
Ford WSS-M2C946-B1
FORD WSS-M2C961-A1

Properties and Specifications

Property	
Grade	SAE 5W-30
Pour Point, °C, ASTM D97	-39
Flash Point, Cleveland Open Cup, °C, ASTM D92	235
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	61.1
Viscosity Index, ASTM D2270	168
Density @ 15 C, g/ml, ASTM D4052	0.847
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	10.7

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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