



Mobil Super™ 3000 Formula D1 0W-20

Mobil Passenger Vehicle Lube , Australia

High performance engine oil

Product Description

Mobil Super™ 3000 Formula D1 0W-20 is a synthetic motor oil, which provides excellent high temperature protection even under severe operating conditions. Mobil Super 3000 is designed to help provide long engine life and outstanding protection in vehicles of all ages. Mobil Super 3000 provides outstanding protection against sludge, engine rust and corrosion under severe and low temperature operating conditions and provides optimum viscosity and fluidity across a broad range of temperatures.

Mobil Super 3000 Formula D1 0W-20 meets or exceeds ILSAC GF-6A and API SP. Those claims are backward compatible with earlier performance levels such as API SN, SM, SL, and SJ and previous ILSAC categories.

Mobil Super 3000 Formula D1 0W-20 is approved against GM dexos1™ Gen 2 under the license D10164GJ015.

Features and Benefits

Helps extend engine life

Outstanding wear protection for vehicles of all ages

Excellent high temperature protection to help keep engines cool

Permits extended operation at elevated temperatures (up to 400° F) without oxidative oil thickening and oil breakdown

Helps control oil consumption and loss

Allows easy starting and rapid oil circulation during cold starts to protect critical engine parts

Meets or exceeds the latest industry specifications

Applications

Mobil Super 3000 Formula D1 0W-20 is recommended for gasoline fueled automobiles where a 0W-20 viscosity is required. It meets or exceeds the requirements of API SP and ILSAC GF-6A.

Specifications and Approvals

This product meets or exceeds the requirements of:
API SP
API SP Resource Conserving
ILSAC GF-6A
Chrysler MS-6395
Ford WSS-M2C947-A
Ford WSS-M2C947-B1
FORD WSS-M2C962-A1

Properties and Specifications

Property	
Grade	SAE 0W-20
Pour Point, °C, ASTM D97	-45
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	8.4
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	43
Total Base Number, mgKOH/g, ASTM D2896	8.2
Viscosity Index, ASTM D2270	171
Density @ 15.6 C, g/ml, ASTM D4052	0.846
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	26900
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	2.6
Ash, Sulfated, mass%, ASTM D874	0.9
Flash Point, Cleveland Open Cup, °C, ASTM D92	231

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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