



Mobil 1™ Vibrant 5W-30

Mobil Passenger Vehicle Lube , 中国

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ Vibrant 5W-30 is an advanced full synthetic engine oil and designed for unleashing the power of various types of engines. It provides outstanding low temperature performance (exceeds the industrial standard at 50%*), helps to improve LSPI protection (exceeds the industrial standard at 50%***) and helps to prevent bearing corrosion (exceeds the industrial standard at 50%***). Mobil 1™ Vibrant 5W-30 also helps to extend the ODI up to 15,000 KMs **** and keeps your engine running like new**** in all driving conditions.

* based on the test result from MRV and compared with corresponding industrial standards.

** based on the test result from Seq.IX and compared with corresponding industrial standards.

*** based on the test result from Seq.VIII and compared with corresponding industrial standards.

**** based on the 190,000 KMs MADS test result in US in 2020.

Features and Benefits

Features	Advantages and Potential Benefits
Outstanding low temperature performance	Exceeds the industrial standard at 50%* * based on the test result from MRV and compared with corresponding industrial standards.
Helps to improve LSPI protection	Exceeds the industrial standard at 50%** ** based on the test result from Seq.IX and compared with corresponding industrial standards.
Helps to prevent bearing corrosion	Exceeds the industrial standard at 50%*** *** based on the test result from Seq.VIII and compared with corresponding industrial standards.
Provides longer ODI	Provides longer ODI up to 15,000 KMs **** **** based on the 190,000 KMs MADS test result in US in 2020.
Keeps your engine running like new	Helps to keep your engine running like new after 190,000 KMs test**** **** based on the 190,000 KMs MADS test result in US in 2020.

Applications

Mobil 1™ Vibrant 5W-30 is recommended for various types of modern engines where it will help provide the performance required even under very demanding driving conditions.

Always consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and specifications.

General Motors (GM) Dexos1™ Gen3 is obtainable for Mobil 1™ Vibrant 5W-30.

Specifications and Approvals

This product meets or exceeds the requirements of:

This product meets or exceeds the requirements of:

API SP

ILSAC GF-6A

FORD WSS-M2C961-A1

Properties and Specifications

Property	
Grade	SAE 5W-30
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	12700
Viscosity Index, ASTM D2270	161
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	10.6
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	62
Flash Point, Cleveland Open Cup, °C, ASTM D92	235
Ash, Sulfated, mass%, ASTM D874	0.7
Total Base Number, mgKOH/g, ASTM D2896	8
Pour Point, °C, ASTM D97	-45
Density @ 15 C, g/ml, ASTM D4052	0.847

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>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

03-2025

ExxonMobil (China) Investment Co. Ltd
 17th Floor, Metro Tower
 30 Tian Yao Qiao Road
 Shanghai 2000030
 China

+86 21 24076000

<http://www.exxonmobil.com>

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

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

ExxonMobil

Exxon Mobil 

© Copyright 2003-2026 Exxon Mobil Corporation. All Rights Reserved