



Mobil™ Full Syn FML C 5W-30

Mobil Passenger Vehicle Lube , 中国

Full Synthetic Engine Oil

Product Description

MOBIL™ FULL SYN FML C 5W-30 is a full synthetic engine oil, designed to provide anti-wear protection of your engine under complex road condition, with instant protection to changeable all-day operating conditions.

Applications

Suitable for vehicles compliant with China VI B and below, this product upgrades and protects the vehicle's exhaust after-treatment system.

Advanced anti-wear technology instantly protects the engine.

Helps mitigate low-speed pre-ignition in turbocharged engines.

The fully synthetic formula delivers excellent low-temperature fluidity and high-temperature protection.

Specifications and Approvals

This product meets or exceeds the requirements of:

API SP

Properties and Specifications

Property	
Grade	SAE 5W-30
Pour Point, °C, ASTM D97	-42
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	27200
Total Base Number, mgKOH/g, ASTM D2896	8.6
Ash, Sulfated, mass%, ASTM D874	0.8
Flash Point, Cleveland Open Cup, °C, ASTM D92	222
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	75
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.5
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	12.4
Viscosity Index, ASTM D2270	163
Density @ 15.6 C, g/ml, ASTM D4052	0.852

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.

10-2025

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 Esso

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