



Mobil 1™ Formula M 5W-40

Mobil Passenger Vehicle Lube , Canada

Advanced Performance Synthetic Engine Oil

Product Description

Mobil 1 Formula™ M 5W-40 is an advanced performance synthetic engine oil designed to help provide exceptional cleaning power, wear protection and outstanding overall performance. Mobil 1 Formula M 5W-40 is engineered to help prolong the life of both diesel and gasoline powered automobiles that requires an oil approved against Mercedes Benz MB-229.5 specification.

Features and Benefits

Mobil 1 Formula M 5W-40 is made with a proprietary blend of high performance components and synthetic baseoils. Mobil 1 Formula M 5W-40 has been designed to help deliver outstanding overall performance and protection. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Active cleaning agents	Helps to reduce deposits and sludge build-up to enable long and clean engine life
Outstanding thermal and oxidation stability	Helps to reduce oil aging allowing extended drain interval protection
Low oil consumption	Less hydrocarbon pollution and less necessity to top-up
Excellent low temperature capabilities	Quick cold weather starting and fast protection. Also helps to extend engine life
High Viscosity Index	Excellent overall lubrication and wear protection performance for many driving styles and conditions, from mild to severe

Applications

Mobil 1 Formula M 5W-40 is approved against Mercedes Benz MB-229.3 and MB-229.5.  
It is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

This product has the following approvals:
MB-Approval 229.5
MB-Approval 229.3

Properties and Specifications

Property	
Grade	SAE 5W-40
Density @ 15 C, g/cm3, ASTM D4052	0.84
Ash, Sulfated, mass%, ASTM D874	1.4

Property	
Total Base Number, mgKOH/g, ASTM D2896	12.5
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	15000
Viscosity Index, ASTM D2270	175
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.2
Flash Point, Cleveland Open Cup, °C, ASTM D92	235
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	76.7

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.as>

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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](http://www.exxonmobil.com)

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