

Mobil 1 Formula M 5W-40

Advanced Performance Synthetic Engine Oil

Product Description

Mobil 1 Formula M 5W-40 is an advanced performance synthetic engine oil designed to 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 require an oil that is 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 deliver outstanding overall performance and protection. Key features and benefits include:

Features	Advantages and Potential Benefits
Active cleaning agents	Helps reduce deposits and sludge build-up to enable long and clean engine life
Outstanding thermal and oxidation stability	Reduces oil ageing 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 extend engine life.
High Viscosity Index	Excellent overall lubrication and wear protection performance for all driving styles and conditions

Applications

Mobil 1 Formula M 5W-40 is approved against Mercedes Benz MB-229.5.

- It is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

Mobil 1 Formula M 5W-40 has the following builder approvals:

Mercedes Benz	MB-229.5
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Typical Properties

Mobil 1 Formula M 5W-40

SAE Grade	5W-40
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Mobil 1 Formula M 5W-40

Viscosity, ASTM D 445

cSt @ 40°C 81.1

cSt @ 100°C 13.39

Viscosity Index, ASTM D 2270 167

Sulphated Ash, wt%, ASTM D 874 0.90

HTHS Viscosity, mPa*s @ 150°C, ASTM D4683 3,83

MRV @ -35 C , cP (ASTM D4684) 28,200

Total Base Number , mg KOH/g (ASTM D2896) 8

Flash Point, °C, ASTM D 92 236

Density @ 15°C, kg/l, ASTM D 4052 0.85

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment.

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