

Mobil 1 ESP Formula M 5W-40 - Emission System Protection

Advanced Performance Synthetic Engine Oil



Product Description

Mobil 1 ESP Formula M 5W-40 is an advanced performance synthetic engine oil designed to provide exceptional cleaning power, wear protection and overall performance. Mobil 1 ESP Formula M 5W-40 is engineered to help prolong the life and maintain the efficiency of Car Emission Reduction Systems in both diesel and gasoline powered automobiles that require an oil that is approved against Daimler Chrysler's MB 229.51 specification.

Features and Benefits

Mobil 1 ESP Formula M 5W-40 is made with a proprietary blend of high performance components formulated to be fully compatible with the latest Diesel Particulate Filters (DPF's) and Gasoline Catalytic Converters (CAT's). Mobil 1 ESP Formula M 5W-40 has been designed to deliver outstanding overall performance and protection. Key features and benefits include:

Features	Advantages and Potential Benefits
Low Ash Content	Helps to reduce particulate build up in Diesel Particulate Filters
Low Sulphur and Phosphorous content	Helps to reduce poisoning of Gasoline Catalytic Converters
Active cleaning agents	Reduces 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
Excellent low temperature capabilities	Quick cold weather starting and ultra fast protection. Also helps extend engine and electrical system life.

Applications

Mobil 1 ESP Formula M 5W-40 is approved against Daimler Chrysler MB 229.51.

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

Specifications and Approvals

Mobil 1 ESP Formula M 5W-40 has the following builder approvals:	
Daimler Chrysler	MB 229.51

Typical Properties

Mobil 1 ESP Formula M 5W-40	
SAE Grade	5W-40
Viscosity, ASTM D 445	
cSt @ 40°C	81.1
cSt @ 100°C	13.35
Viscosity Index, ASTM D 2270	167
Sulphated Ash, wt%, ASTM D 874	0.63
HTHS Viscosity, mPa•s @ 150°C, ASTM D4683	3,8
Pour Point, °C, ASTM D 97	-39
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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