

MOL Dynamic Star 5W-30

synthetic motor oil



MOL Dynamic Star 5W-30 is a premium performance, fuel saving synthetic engine oil produced with dual lubricating film technology from synthetic base oils and a complex additive system, ensuring excellent flow characteristics, for use in the most advanced automobile engines. Its advantages can be fully exploited in the latest engines manufactured with narrow clearances. For certain engine types, ACEA (the European Association of Vehicle Manufacturers) does not recommend engine oils with A5/B5 performance, because of their specially low viscosity. Please refer to the relevant recommendations by the engine manufacturers!

Application



Latest Ford gasoline and diesel passenger cars and light commercial vehicles

Naturally aspirated or turbocharged, gasoline and diesel engines in passenger cars and light commercial vehicles (<3.5 t weight)

Short and long haul passenger car and light (<3.5 t) commercial vehicle engines

Features and benefits

Dual lubricating film technology

Prevents contact and wear of metal surfaces by forming a liquid film in normal engine operation and a molecular protective layer in case of extreme loads

Low HTHS viscosity

Contributes to reduced fuel consumption, together with outstanding antiwear protection

Extremely long oil lifetime

Frequency of downtimes, operational costs, and environmental impact can be reduced

Low volatility

Lowers engine oil consumption and reduces the emission of harmful substances

Extreme cold flow properties

Provides easy start-up, even in extreme cold, to extend the life of the car battery

Specifications and approvals

Viscosity grade: SAE 5W-30
API SL/CF
ACEA A5/B5
Ford WSS M2C913-C
Ford WSS M2C913-D
Renault RN0700
Jaguar Land Rover STJLR.03.5003
VWC 53036

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Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,850
Kinematic viscosity at 40°C [mm ² /s]	57,24
Kinematic viscosity at 100 °C [mm ² /s]	10,09
Viscosity index	165
Pour point [°C]	-45
Flash point (Cleveland) [°C]	225
Base number (BN) [mg KOH/g]	8,5

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

Store in the original container in dry, properly ventilated area.

Keep away from direct flame and other sources of ignition.

Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

Engine oils are finished lubricant formulations where additional additives are unnecessary and may result in unforeseeable adverse effects.

The manufacturer and distributor shall not be held liable for such possible damages.

In the original container under the recommended storage conditions: 60 months

Recommended storage temperature: max. 40°C