

MOL Dynamic Prima 5W-40

synthetic motor oil



MOL Dynamic Prima 5W-40 is a low ash (SAPS) synthetic engine oil produced with dual lubricating film technology, using a complex additive system that ensures high performances corresponding to European and US standards, for use in the most advanced motor vehicles.

Application



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

Diesel engines with direct injection Common Rail and PD TDI systems

Vehicles equipped with a diesel particulate filter (DPF) or three-way catalyst

VW/Skoda/Seat diesel engines operating with normal oil drain intervals

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 sulphated ash, sulphur and phosphorus content (Low SAPS)	Long lifetime of catalysts and diesel particulate filter
Extreme cold flow properties	Provides easy start-up, even in extreme cold, to extend the life of the car battery
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 Economical operation
Exceptional thermal and oxidation stability	Reduces the formation of sludge at low temperatures and of deposits at high temperatures
Excellent soot handling	Protection against soot deposits and bore polishing

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Specifications and approvals

Viscosity grade: SAE 5W-40
API SN/CF
API SM/CF
VW 502 00/505 00
VW 505 01
MB-Approval 229.51
Renault RN0700
Renault RN0710
ACEA C3
BMW Longlife-04
Ford WSS M2C917-A
Fiat 9.55535-S2

Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,854
Kinematic viscosity at 40°C [mm ² /s]	86,7
Kinematic viscosity at 100 °C [mm ² /s]	14,1
Viscosity index	168
Pour point [°C]	-39
Flash point (Cleveland) [°C]	240
Base number (BN) [mg KOH/g]	8,1

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