



# MOTOR OIL HM

## 10W-40

### Product Description:

**MOTOR OIL HM 10W-40** is a universal performance semi synthetic oil for use in older (1995-2010) gasoline- and diesel engines of passenger car and light vans with or without turbocharger specially formulated to help demands of “High-Mileage” engines which have been running for more than 100.000 km. MOTOR OIL HM 10W-40 can be used in cars that require ACEA A3/B3.

**This product is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF) and not intended for vehicles predating 1990 that need increased zinc/phosphorus (ZDDP) oils.**

**MOTOR OIL HM 10W-40** is formulated with high quality refined mineral and synthetic base stocks in combination with a special additive technology to achieve the following performance:

- Very good low temperature properties.
- Maximize the life of the engine.
- Special formulated additive helps to stop/reduce small oil leaks on seals.
- Protection to wear by cold start.
- Very high thermal- and oxidation stability.
- Excellent resistance against foaming, corrosion and wear.
- High dispersancy and detergency level + high viscosity index.

**MOTOR OIL HM 10W-40** exceeds the following performance criteria:

### API SL/CF

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	10W-40
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	859.4
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	88.2
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	13.9
Viscosity Index		ASTM D2270	162
Viscosity CCS @-25°C	cP	ASTM D2270	3980
Flash Point COC	°C	ASTM D92	>200
Pour Point	°C	ASTM D7346	-39
Total Base Number	mgKOH/g	ASTM D2896	7.8

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