Product Data Sheet

MOTOR OIL LE
5W-40

Product Description:

MOTOR OIL LE 5W-40 is a high performance fuel saving MID SAPS engine oil based on 100% synthetic technology for use in the latest generation gasoline and diesel engines of passenger car and light vans with or without turbocharger. **MOTOR OIL LE 5W-40** is developed for use in engine which are equipped with or without an exhaust gas after treatment system.

MOTOR OIL LE 5W-40 is based on high performance 100% synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Good thermal and oxidation stability.
- MID SAPS technology.
- Good protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Equipped for diesel engines with an exhaust after treatment system.
- Fuel saving properties.

MOTOR OIL LE 5W-40 meets the following performance criteria:

Approved	**MB-Approval 229.51** **VW 511.00** **Porsche C40(pending)**		**MB-Approval 229.52(pending)** **BMW LL-04**
Meets	**API SN/CF** **Dexos 2**	**ACEA C3** **Ford M2C917A**	**Renault RN 0700/0710** **MB 229.31**

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-40
Density@15°C	kg/m^3	ASTM D4052	851
Kin. Viscosity @40°C	mm^2/s	ASTM D7042	83.3
Kin. Viscosity @100°C	mm^2/s	ASTM D7042	14.1
Viscosity Index		ASTM D2270	175.3
Viscosity CCS @-30°C, max	cP	ASTM D5293	5189
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-38
Total Base Number	mgKOH/g	ASTM D2896	7.9
Sulpated Ash	%Wt	ASTM D874	0.8

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77 B.V. | Van Ewijckskade 1C
1761 JA Anna Paulowna, The Netherlands | info@77lubricants.nl
www.77lubricants.com