



**Product Data Sheet**

**MOTOR OIL LE 5W-30**

Product Description:

MOTOR OIL LE 5W-30 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-30 is developed for use in engine which are equipped with or without an exhaust gas after treatment system.

MOTOR OIL LE 5W-30 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 en 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-30 exceeds the following performance criteria:

Approved	MB-Approval 229.51	BMW LL-04	VW 502.00 / 505.00
Exceeds	API SN/CF	ACEA A3/B4, C3	Renault RN 0700/0710 VW 505.01

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	5W-30
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	853
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	70
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	12.2
Viscosity Index		ASTM D2270	170
Viscosity CCS @-30°C, max	cP	ASTM D2270	6600
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-36
Total Base Number	mgKOH/g	ASTM d2896	7.6
Sulphated Ash	%Wt	ASTM D874	0.9

Product Nr: 4225	Date Issued: 24-08-2012	Date Superseded: 26-11-2013	Revision nr: 4
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