



**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

Properties	Unit	Test Method	Typical Value
<b>SAE Grade</b>		<b>SAE J3000</b>	<b>5W-30</b>
<b>Density@15°C</b>	kg/m <sup>3</sup>	<b>ASTM D4052</b>	<b>853</b>
<b>Kin. Viscosity @40°C</b>	mm <sup>2</sup> /s	<b>ASTM D7042</b>	<b>68</b>
<b>Kin. Viscosity @100°C</b>	mm <sup>2</sup> /s	<b>ASTM D7042</b>	<b>12,0</b>
<b>Viscosity Index</b>		<b>ASTM D2270</b>	<b>172</b>
<b>Viscosity CCS @-30°C, max</b>	cP	<b>ASTM D2270</b>	<b>6600</b>
<b>Flash Point COC</b>	°C	<b>ASTM D92</b>	<b>&gt;201</b>
<b>Pour Point</b>	°C	<b>ASTM D7346</b>	<b>-36</b>
<b>Total Base Number</b>	mgKOH/g	<b>ASTM D2896</b>	<b>7.6</b>
<b>Sulphated Ash</b>	%Wt	<b>ASTM D874</b>	<b>0.9</b>

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