



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 for use in the latest generation gasoline and diesel engines of passenger cars and light vans with or without turbocharger. **MOTOR OIL LE 5W-30** is developed for use in engines 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 meets the following performance criteria:

Approved:	MB-Approval 229.51	MB-Approval 229.52 (pending)	BMW LL-04
Meets:	API SN/CF MB 229.31	ACEA C2/C3 VW 502.00/505.00	Renault RN0700/0710 Dexos 2

Properties	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m ³	ASTM D4052	852
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	69.8
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	12.2
Viscosity Index		ASTM D2270	173
Viscosity CCS @-30°C, max	cP	ASTM D5293	6600
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	7.7
Sulphated Ash	%Wt	ASTM D874	0.78

Product Nr: 4225	Date Issued: 26-09-2018	Date Superseded: 03-08-2018	Revision nr: 12
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