



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 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-40 exceeds the following performance criteria:

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|-----------------|-------------------------|-----------|----------------------|-----------------|
| Approved | MB-Approval 229.51 | BMW LL-04 | VW 502.00 / 505.00 | VW 505.01 |
| Exceeds | API SN/CF GM Dexos 2 | ACEA C3 | Renault RN 0700/0710 | Fiat 9.55535-S2 |

| Properties | Unit | Test Method | Typical Value |
|---------------------------|--------------------|-------------|---------------|
| SAE Grade | | SAE J3000 | 5W-40 |
| Density@15°C | kg/m ³ | ASTM D4052 | 854 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 84.5 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 14.4 |
| Viscosity Index | | ASTM D2270 | 172 |
| Viscosity CCS @-30°C, max | cP | ASTM D2270 | 6600 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D7346 | -39 |
| Total Base Number | mgKOH/g | ASTM D2896 | 7.6 |
| Sulphated Ash | %Wt | ASTM D874 | 0.8 |

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| Product Nr: 4226 | Date Issued: 08-06-2015 | Date Superseded: 13-08-2013 | Revision nr: 4 |
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