



Product Data Sheet

ENGINE OIL LSP 10W-40

Product Description:

ENGINE OIL LSP 10W-40 is a fuel conserving super high performance universal oil designed based on 100% synthetic technology for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low Sulphur Diesel Fuel (max. 50 ppm). ENGINE OIL LSP 10W-40 is developed for use in Euro-4, Euro-5 and Euro-6 engines equipped with Diesel Particle Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

ENGINE OIL LSP 10W-40 is formulated on high refined synthetic base stock in combination with an special additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against “Bore Polishing”.
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particle Filter (DPF)
- Fuel conserving

ENGINE OIL LSP 10W-40 exceeds the following performance criteria:

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|---------------|--------------------|--------------|---------------------|-----------|
| ACEA E6/E7 | API CI-4 | MB 228.51 | MAN M3477 | MAN M3271 |
| MACK EO-N | Volvo VDS-3 | MTU Type 3.1 | Deutz DQC III-10 LA | |
| Renault RLD-2 | Cummins 20076/2007 | | | |

| Properties | Unit | Test Method | Typical Value |
|---------------------------|--------------------|-------------|---------------|
| SAE Grade | | SAE J3000 | 10W-40 |
| Density@15°C | kg/m ³ | ASTM D4052 | 863 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 98 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 14.5 |
| Viscosity Index | | ASTM D2270 | 145 |
| Viscosity CCS @-25°C, max | cP | ASTM D2270 | 7000 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D97 | -30 |
| Total Base Number | mgKOH/g | ASTM d2896 | 10.1 |
| Sulphated Ash | %Wt | ASTM D874 | 0.8 |

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| Product Nr: 4498 | Date Issued: 23-04-2013 | Date Superseded: | Revision nr: |
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