



Engine Oil Super SHPD 10W-40

Product Code: 78260

Synthetic MID SAPS Heavy Duty Diesel Engine Oil

Engine Oil Super SHPD 10W-40 is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

Engine Oil Super SHPD 10W-40 is formulated with high refined synthetic technology base stock in combination with an unique 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.
- Complies with strictest European emission regulation.

Engine Oil Super SHPD 10W-40 exceeds the following performance criteria:

| | | | |
|-----------------|--|---|--|
| Approved | Volvo VDS 4.5 | Mack EOS-4.5 | Renault VI RLD-3 |
| Exceeds | API CK-4 MTU Type 3.1 JASO DH-2 DAF DTFR 15C110 (MB 228.51) | ACEA E7/E8/E11 Cummins CES 20086 DDC93K222 IVECO DTFR 15C100 (MB 228.31) | MAN M3775 Deutz DQC IV-18 LA CAT ECF-3 |

Typical Analysis

| Properties | Unit | Method | Typical Value |
|------------------------|-----------------------|------------------|---------------|
| SAE Grade | | SAE J300 | 10W-40 |
| Density @15°C | kg/m ³ | ASTM D4052 | 859.9 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 91 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 14.6 |
| Viscosity Index | | ASTM D2270 | 155 |
| Viscosity CCS @-25°C | cP | ASTM D5293 | 5430 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D7346 | -33 |
| Total Base Number | mgKOH/g | ASTM D2896 | 10.0 |
| Sulphated Ash | %Wt | ASTM D874 | 0.96 |
| Date Issued: 6-12-2024 | Supersedes: 10-7-2024 | Revision Nr.: 11 | |