

SAE 15W40

140202401

## PROFESSIONAL CJ-4 E7/E9 SAE 15W40

This is a LOW SAPS heavy duty engine oil that can be used in all four-stroke diesel engines. Compared to more traditional heavy duty engine oils this product significantly reduces pollution and exhaust emissions. It ensures full

after treatment protection and it meets the EURO V, EURO VI and EURO III emission norms. The newest additives are used in this product that ensure long lifetime and excellent engine protection.



| GRADE                        | METHOD     | UNIT               | VALUE |
|------------------------------|------------|--------------------|-------|
| Density @ 15 °C              | ASTM D4052 | kg/l               | 0,864 |
| Kinematic viscosity @ 40 °C  | ASTM D445  | mm <sup>2</sup> /s | 93,1  |
| Kinematic viscosity @ 100 °C | ASTM D445  | mm <sup>2</sup> /s | 13,6  |
| Viscosity Index              | ASTM D2270 |                    | 147   |
| B.N. (HCL04 method)          | ASTM D2896 | mg KOH/g           | 9,9   |
| Pour point                   | ASTM D6892 | °C                 | -36   |
| Flash point                  | ASTM D92   | °C                 | 225   |
| Sulphated ash content        | ASTM D874  | %                  | 1     |
| CCS viscosity @ -15 °C       | ASTM D5293 | mPa.s              |       |
| CCS viscosity @ -20 °C       | ASTM D5293 | mPa.s              | 4000  |
| CCS viscosity @ -25 °C       | ASTM D5293 | mPa.s              |       |
| CCS viscosity @ -30 °C       | ASTM D5293 | mPa.s              |       |

All data on this technical data sheet is indicative only.

## Specifications

- ▷ ACEA E7
- ▷ ACEA E9
- ▷ API CI-4+
- ▷ API CJ-4/SN
- ▷ CATERPILLAR ECF-2
- ▷ CATERPILLAR ECF-3
- ▷ CUMMINS CES 20081
- ▷ DETROIT DIESEL 93K218
- ▷ DEUTZ DQC III-10 LA
- ▷ GLOBAL DHD-1
- ▷ JASO DH-2
- ▷ MACK EO-O PREMIUM PLUS
- ▷ MAN M3275
- ▷ MB 228.31
- ▷ MTU OIL CATEGORY 2.1
- ▷ RENAULT RLD-3
- ▷ VOLVO VDS-4