



03000D Motor Oil 15W-40 Super High Performance Diesel

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Description

This high grade mineral motor oil has been specially developed for heavy duty diesel engines with or without turbochargers. In addition, this motor oil has been formulated to make extended oil-change intervals possible and to prevent bore polishing.

Application manual

According to the specifications of

ACEA A3/B4 / E7
API CF / CF-4 / CG-4 / CH-4 / CI-4 / SL
Allison C4
Caterpillar ECF-1a / ECF-2
Cummins CES 20076 / CES 20077 / CES 20078
Daimler Truck DTFR 15B110 (MB 228.3)
Detroit Diesel 93K215
Deutz DQC III-10
Global DHD-1
JASO DH-1
MAN M 3275
MTU Type 2
Mack EO-M Plus / EO-N
Renault RLD / RLD-2
Volvo VDS-3

Packaging units

| ART. NR. | VOLUME | ITEMS PER UNIT | ITEMS PER PALLET |
|----------|--------|----------------|------------------|
| 03001D | 1 L | 6 | 450 |
| 03005D | 5 L | 4 | 112 |
| 03020D | 20 L | 1 | 30 |
| 03060D | 60 L | 1 | 6 |
| 03205D | 205 L | 1 | 2 |
| 03999D | 1000 L | 1 | - |
| P03000D | 1 L | 1 | - |

Standard analyses

| TEST | VALUE | | METHOD |
|------------------------------|--------|--------------------|------------|
| Density at 15°C | 0.886 | kg/l | ASTM D4052 |
| Viscosity | 15W-40 | | |
| Kinematic Viscosity at 40°C | 97 | mm ² /s | ASTM D445 |
| Kinematic Viscosity at 100°C | 13.8 | mm ² /s | ASTM D445 |
| Viscosity Index | 144 | | ASTM D2270 |
| Dynamic Viscosity at -20°C | 6500 | mPa.s | ASTM D5293 |
| Flashpoint COC | 220 | °C | ASTM D92 |
| Pourpoint | -36 | °C | ASTM D6892 |
| Total Base Number | 10.1 | mgKOH/g | ASTM D2896 |
| Sulphated Ash | 1.49 | mass% | ASTM D874 |

These characteristics are typical of current production. Variations in these characteristics may occur.