

CHAMPION OEM SPECIFIC 10W40 UHPD MS

This is a semi synthetic lubricant based on carefully selected very high quality base oils, which satisfies the highest performance standards for large trucks. It can be used for engines equipped with aftertreatment systems.

APPLICATIONS

Due to its versatile specification levels it is suitable for a wide range of commercial vehicles. Specifically recommended for large truck engines to satisfy the EURO VI standard, TIER IV interim, TIER IV final, TIER V, stage IIIB, stage IV, stage V.

FEATURES

Aftertreatment protection: full after treatment system protection

Total engine protection: outstanding engine cleanliness and durability

SPECIFICATIONS

| | | | |
|----------------|-------------------|----------|-----------------------|
| ACEA | E6 | MAN | M3477 |
| ACEA | E7 | MB | 228.31 |
| ACEA | E9 | MB | approval 228.51 |
| API | CJ-4 | MTU | Oil Category 2.1 |
| API | CK-4 | MTU | Oil Category 3.1 |
| API | SN | RENAULT | approval RLD-3 |
| CATERPILLAR | ECF-2 | RENAULT | RLD-4 |
| CATERPILLAR | ECF-3 | SCANIA | LA |
| CUMMINS | CES 20081 | VOLVO | VDS-4 |
| CUMMINS | CES 20086 | VOLVO | approval VDS-4.5 |
| DETROIT DIESEL | DFS 93K218 | MB | 228.52 |
| DETROIT DIESEL | DFS 93K222 | DEUTZ | approval DQC-IV-18 LA |
| DEUTZ | DQC-IV-10 | MAN | approval M3775 |
| JASO | DH-2 | JD | JDQ-78X |
| MACK | EO-0 Premium Plus | IVECO | 18-1804 Classe TLS E9 |
| MACK | approval EO-S 4.5 | LIEBHERR | LH-00-ENG5C LA |
| MAN | M3271-1 | | |

CHAMPION CHEMICALS NV

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www.championlubes.com





TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.858 |
| Kinematic viscosity at 40°C | ASTM D445 | mm ² /s | 89.9 |
| Kinematic viscosity at 100°C | ASTM D445 | mm ² /s | 13.9 |
| Viscosity index | ASTM D2270 | | 158 |
| B.N. [HClO4 method] | ASTM D2896 | mg KOH/g | 10.2 |
| Pour point | ASTM D6892 | °C | -33 |
| CCS viscosity at -25°C | ASTM D5293 | mPa.s | 6600 |
| Flash Point COC | ASTM D92 | °C | 216 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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