

OEM SPECIFIC

15W40 MS

This is a "Low SAPS" oil, made of specially selected, high-quality base oils and a customized additive package, in order to meet Euro V, EURO VI and U.S. EPA 07 emission standards. Compared to other motor oils, it offers exceptional protection against wear and guarantees lower pollution.

APPLICATIONS

Suitable for all four-stroke diesel Euro V and Euro VI engines of trucks, with or without catalysts (e.g. SCR) or particulate filter. Meets most American and European manufacturers requirements and can also be used in older engines (Euro III and IV).

FEATURES

Aftertreatment protection : full aftertreatment system protection.

Total engine protection : outstanding engine cleanliness and durability.

Drain interval extension : long oil drain interval.

SPECIFICATION LEVEL

| | | | |
|-----------------------|---------------|----------------|----------------------------|
| ACEA | E9-16 | GLOBAL | DHD-1 |
| ACEA | E7-16 | JASO | DH-2 |
| API | CJ-4/SN | MACK | Approval EO-O Premium Plus |
| API | CI-4+ | MAN | M3575 |
| CATERPILLAR | ECF-3 | MB | Approval 228.31 |
| CATERPILLAR | ECF-2 | MTU | Approval Oil Category 2.1 |
| CUMMINS | CES 20081 | RENAULT | Approval RLD-3 |
| DETROIT DIESEL | 93K218 | VOLVO | Approval VDS-4 |
| DEUTZ | DQC-III-10 LA | | |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|------------------------------|------------|----------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.864 |
| Kinematic viscosity at 40°C | ASTM D445 | mm²/s | 93.1 |
| Kinematic viscosity at 100°C | ASTM D445 | mm²/s | 13.6 |
| Viscosity index | ASTM D2270 | | 147 |
| B.N. (HClO4 method) | ASTM D2896 | mg KOH/g | 9.9 |
| Pour point | ASTM D6892 | °C | -36 |
| CCS viscosity at -20°C | ASTM D5293 | mPa.s | 4000 |
| Sulfated Ash | ASTM D874 | Mass % | 1.0 |
| Flash Point COC | ASTM D92 | °C | 225 |

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

CHAMPION CHEMICALS NV

G. Gilliotstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com

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