

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 | E11 | DETROIT DIESEL | DFS 93K218 |
| ACEA | E6-16 | DETROIT DIESEL | DFS 93K222 |
| ACEA | E7 | DEUTZ | approval DQC-IV-18 LA |
| ACEA | E8 | DEUTZ | DQC IV-10 LA |
| ACEA | E9-16 | DEUTZ | TTCO |
| API | approval CI-4 Plus | DTFR | 13D110 |
| API | approval CK-4 | DTFR | 15C100 |
| API | CI-4 | DTFR | approval 15C110 |
| API | CJ-4 | DTFR | approval 15C120 |
| API | SN | FORD | WSS-M2C171-F1 |
| JASO | DH-1 | IVECO | 18-1804 Classe T2 E7 |
| JASO | DH-2 | IVECO | 18-1804 Classe TLS E9 |
| AGCO/ALLIS | POWER LOCC-G2 | JD | JDQ-78X |
| ALLISON | C4 | LIEBHERR | LH-00-ENG5C LA |
| CASE | MAT 3571 | MACK | approval EO-S 4.5 |
| CASE | MAT 3572 | MACK | EO-M PLUS |
| CATERPILLAR | ECF-1a | MACK | EO-N |
| CATERPILLAR | ECF-2 | MACK | EO-N Premium Plus |
| CATERPILLAR | ECF-3 | MACK | EO-0 Premium Plus |
| CATERPILLAR | TO-2 | MAN | approval M3775 |
| CUMMINS | CES 20076 | MAN | M3271-1 |
| CUMMINS | CES 20077 | MAN | M3477 |
| CUMMINS | CES 20078 | MAN | M3575 |
| CUMMINS | CES 20081 | MB | 235.28 |
| CUMMINS | CES 20086 | MTU | approval Oil Category 3.1 |
| CUMMINS | CES 20092 | MTU | Oil Category 2.1 |
| CUMMINS | CES 20100 | RENAULT | approval RLD-3 |
| DAF | EXTENDED DRAIN | RENAULT | RGD |
| DETROIT DIESEL | DFS 93K215 | RENAULT | RLD |

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 - 2620 Hemiksem - Belgium

Tel. +32 3 870 00 00

www.championlubes.com



| | | | |
|----------------|-------|--------------|----------------------|
| RENAULT | RLD-2 | VOITH | Retarder Oil Class B |
| RENAULT | RLD-4 | VOLVO | approval VDS-4.5 |
| RENAULT | RXD | VOLVO | VDS-3 |
| SCANIA | LA | VOLVO | VDS-4 |

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 | 95 |
| Kinematic viscosity at 100°C | ASTM D445 | mm ² /s | 14.5 |
| Viscosity index | ASTM D2270 | | 158 |
| B.N. [HClO ₄ 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.

CHAMPION CHEMICALS NV

G. Gilliatstraat 52 – 2620 Hemiksem – Belgium

Tel. +32 3 870 00 00

www.championlubes.com

