

CHAMPION ACTIVE DEFENCE

15W-40 CI-4

This engine oil meets the prime requirements of ACEA and API for heavy-duty engines. It combines wear reducing- and cleaning properties into one lubricant. This product may not be available in your region. Please, consult your local sales contact for more information.

APPLICATIONS

Suitable for all modern Euro II, III and some Euro IV diesel engines of heavy-duty equipment, making it a great lubricant for mixed fleet maintenance.

FEATURES

Engine protection: outstanding engine cleanliness and durability

SPECIFICATIONS

| | | | |
|--------------------|-----------|-----------------------|-----------------|
| ACEA | A3/B4 | CUMMINS | CES 20076 |
| ACEA | E7 | CUMMINS | CES 20077 |
| API | CF-4 | DETROIT DIESEL | DFS 93K215 |
| API | CG-4 | DEUTZ | DQC-II-18 |
| API | CH-4 | DTFR | approval 15B110 |
| API | CI-4/SL | MACK | E0-L |
| MIL | L-2104 E | MACK | E0-M PLUS |
| MIL | L-46152 D | MAN | 271 |
| ALLISON | C4 | MAN | M3275-1 |
| CATERPILLAR | ECF-1a | MB | 227.1 |
| CATERPILLAR | TO-2 | MB | 229.1 |
| CUMMINS | CES 20071 | MTU | Oil Category 1 |
| CUMMINS | CES 20072 | VOLVO | VDS-2 |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.873 |
| Kinematic viscosity at 40°C | ASTM D445 | mm ² /s | 95.7 |
| Kinematic viscosity at 100°C | ASTM D445 | mm ² /s | 13.7 |
| Viscosity index | ASTM D2270 | | 145 |
| B.N. [HClO4 method] | ASTM D2896 | mg KOH/g | 10.9 |
| Pour point | ASTM D6892 | °C | -33 |
| 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

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