

# WOLF GUARDTECH

## 15W-40 CI-4

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14616

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/B3-08         | DAIMLER TRUCK  | approval DTFR 15B110 |
| ACEA        | E7-04 Issue 2    | DETROIT DIESEL | DFS 93K215           |
| API         | approval CI-4/SL | DEUTZ          | DQC-II-18            |
| API         | CF-4             | MACK           | EO-L                 |
| API         | CH-4             | MACK           | EO-M PLUS            |
| MIL         | L-2104 E         | MAN            | 271                  |
| MIL         | L-46152 D        | MAN            | M3275-1              |
| ALLISON     | C4               | MB             | 227.1                |
| CATERPILLAR | ECF-1a           | MB             | 228.1                |
| CATERPILLAR | TO-2             | MB             | 228.3                |
| CUMMINS     | CES 20071        | MB             | 229.1                |
| CUMMINS     | CES 20072        | MTU            | Oil Category 1       |
| CUMMINS     | CES 20076        | VOLVO          | VDS-2                |
| CUMMINS     | CES 20077        |                |                      |

### TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit     | Average results |
|------------------------------|------------|----------|-----------------|
| Density at 15°C              | ASTM D4052 | g/ml     | 0.873           |
| Kinematic viscosity at 40°C  | ASTM D445  | mm²/s    | 95.7            |
| Kinematic viscosity at 100°C | ASTM D445  | mm²/s    | 13.7            |
| Viscosity index              | ASTM D2270 |          | 145             |
| B.N. (HClO4 method)          | ASTM D2896 | mg KOH/g | 8               |
| 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.

#### WOLF OIL CORPORATION NV

G. Gilliotstraat 52 – 2620 Hemiksem – Belgium  
Tel. +32 (0)3 870 00 00

[www.wolflubes.com](http://www.wolflubes.com)

