

# WOLF EXTENDTECH 15W40

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13536

Universal engine oil, designed to meet the latest specifications of both European and American manufacturers of heavy diesel engines. This oil is suitable for low-emission engines (Euro II and Euro III and some Euro IV engines); it is not suitable for Euro IV engines with particulate filter. It provides excellent protection against deposits in pipes and turbo engine, an improved protection against camshaft wear and it allows very long drain intervals.

## APPLICATIONS

Is used for all modern diesel engines of trucks, off-road equipment and other heavy material. Moreover, it can also be used for all other types of vehicles and cars.

## FEATURES

Total engine protection: performance in keeping the engine clean  
Drain interval extension: very long oil drain interval

## PERFORMANCE

|             |           |         |                |
|-------------|-----------|---------|----------------|
| ACEA        | A3/B4-10  | DEUTZ   | DQC II-05      |
| ACEA        | E5 Level  | MACK    | EO-M PLUS      |
| API         | CH-4/SJ   | MAN     | M3275-1        |
| ALLISON     | C4        | MB      | 228.3          |
| CATERPILLAR | ECF-1a    | MB      | 229.1          |
| CUMMINS     | CES 20071 | MTU     | Oil Category 2 |
| CUMMINS     | CES 20072 | RENAULT | RD-2           |
| CUMMINS     | CES 20076 | VOLVO   | VDS-2          |
| CUMMINS     | CES 20077 |         |                |

## TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit     | Average results |
|------------------------------|------------|----------|-----------------|
| Density at 15°C              | ASTM D4052 | g/ml     | 0.890           |
| Kinematic viscosity at 40°C  | ASTM D445  | mm²/s    | 98              |
| Kinematic viscosity at 100°C | ASTM D445  | mm²/s    | 13.8            |
| Viscosity index              | ASTM D2270 |          | 142             |
| B.N. (HClO4 method)          | ASTM D2896 | mg KOH/g | 10.5            |
| Pour point                   | ASTM D6892 | °C       | -36             |
| CCS viscosity at -20°C       | ASTM D5293 | mPa.s    | 6300            |
| Sulfated Ash                 | ASTM D874  | Mass %   | 1.59            |
| Flash Point COC              | ASTM D92   | °C       | 221             |

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