



# 04000AC Motor Oil 15W-40 Extra High Performance Diesel Truck

Document version: May 20, 2024



## Description

This extra high performance diesel motor oil (ACEA E9) has been specially developed for use in modern, high output, low emission engines of commercial vehicles according to Euro 4, Euro 5 and Euro 6 emission standards and also gives excellent protection in older diesel engines. Important: This motor oil is absolutely not suitable for use in petrol engines.

## Application manual

## According to the specifications of

ACEA E11 / E7  
API CI-4 / CI-4+ / CJ-4 / CK-4  
Allison TES-439  
Caterpillar ECF-2 / ECF-3  
Cummins CES 20081 / CES 20086  
Daimler Truck DTFR 15C100 (MB 228.31)  
Detroit Diesel 93K218 / 93K222  
Deutz DQC III-10 LA / DQC III-18 LA  
Ford M2C171-F1  
JASO DH-2  
MAN M 3575 / M 3775  
MTU Type 2.1  
Mack EO-O Premium Plus / EO-S 4.5  
Renault RLD-3  
Volvo VDS-3 / VDS-4 / VDS-4.5

## Packaging units

| ART. NR. | VOLUME | ITEMS PER UNIT | ITEMS PER PALLET |
|----------|--------|----------------|------------------|
| 04020AC  | 20 L   | 1              | 30               |
| 04060AC  | 60 L   | 1              | 6                |
| 04205AC  | 205 L  | 1              | 2                |
| 04999AC  | 1000 L | 1              | -                |
| P04000AC | 1 L    | 1              | -                |

## Standard analyses

| TEST                         | VALUE  |                    | METHOD |
|------------------------------|--------|--------------------|--------|
| Density at 15°C              | 0.874  | kg/l               | D 4052 |
| Viscosity                    | 15W-40 |                    | SAE    |
| Kinematic Viscosity at 40°C  | 113    | mm <sup>2</sup> /s | D 445  |
| Kinematic Viscosity at 100°C | 15.0   | mm <sup>2</sup> /s | D 445  |
| Viscosity Index              | 139    |                    | D 2270 |
| Flashpoint                   | 226    | °C                 | D 92   |
| Pourpoint                    | -30    | °C                 | D 97   |
| Total Base Number            | 10     | mgKOH/g            | D 2896 |
| Sulphated Ash                | 1.0    | mass%              | D 874  |

These characteristics are typical of current production. Variations in these characteristics may occur.