Product Information:

# VERSIMAX® HD9 10W-40

## VERSATILE, HIGH PERFORMANCE DIESEL ENGINE OIL

### Description

Versimax® HD9 10W-40 is a top tier heavy duty diesel specific engine oil that has been designed to meet the necessary chemical limits required to maintain the efficiency of exhaust after-treatment devices, including DPF's (diesel particulate filters), SCR (Adblue) / EGR NOX reduction systems and diesel oxidation catalysts (DOC).

The profile of Versimax® HD9 10W-40 provides the highest level of rationalisation potential in mixed fleets where a number of manufacturers, models and engine technologies are being used. The low SAPS (Sulphated Ash, Phosphorus and Sulphur) additive technology coupled with advanced base fluids also ensures a high level of component protection and cleanliness when operating in very severe conditions with extended drain intervals.

### Applications

Versimax® HD9 10W-40 is designed for use in diesel engines meeting Euro IV, V and VI, Tier 3/ Stage 3, Tier 4 / Stage IV and Stage V emission requirements where an oil of this quality is specified. Can also be used in combination of low sulphur diesel fuel (maximum 50ppm) and where any of the following specifications listed below are required by the manufacturer.

### Performance Levels

ACEA E7 / E8 / E11
API CK-4 / SN
CAT ECF-3
Detroit Diesel 93K222
Deutz DQC IV-18 LA
JASO DH-2-24
MB 228.51, 228.52 (migrated to DTFR)
DTFR 15C100, 15C120
MTU category 3.1

### Approvals

Cummins CES 20086
Daimler Truck DTFR 15C110
Mack EO-S 4.5
MAN M3775
Renault Truck RLD-3
Volvo VDS-4.5

### Physical Characteristics

| | |
|---|---|
| Density @ 15 °C | 0.860 |
| Kinematic Viscosity at 100°C,cSt. | 13.90 |
| Kinematic Viscosity at 40°C, cSt. | 91.28 |
| Viscosity Index | 153 |
| Flash Point (closed) °C | 197 |
| TBN, mg/KOH/g | 10.0 |
| Pour Point, °C | -36 |

Figures based on average production values.