Product Information:

VERSIMAX® HD11 5W-30

FUEL EFFICIENT DIESEL ENGINE OIL

Description

Versimax® HD11 5W-30 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 NO_X reduction systems, diesel oxidation catalysts (DOCs) and Adblue Slip-Catalysts.

The profile of Versimax® HD11 5W-30 provides the highest level of rationalisation potential in mixed fleets where a number of manufacturers, models and engine technologies are being used. The low/mid SAPS (Sulphated Ash, Phosphorus and Sulphur) additive profile coupled with synthetic technology base fluids also ensures a high level of component protection and cleanliness when operating in very severe conditions with extended drain intervals.

Applications

Versimax® HD11 5W-30 is designed for use in diesel engines meeting Euro IV, V and VI 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
Caterpillar ECF-3
Detroit Diesel 93K222
Deutz DQC IV-18 LA
DTFR 15C100 / 15C120
JASO DH-2
MAN M3775
MTU Type 3.1

Approvals:

Cummins CES 20086
DTFR-Approval 15C110
Mack EO-S 4.5 Approval
MAN M3677 Approval
Renault VI RLD-3 Approval
Meets Scania LDF-4 specification
Volvo VDS-4.5 Approval

Physical Characteristics

Density @ 15.6 °C	0.856
Viscosity @ 100°C,cSt.	11.6
Viscosity @ 40°C, cSt.	69.6
Viscosity Index	162
Flash Point (closed), °C	201
TBN, mg/KOH/g	9.7
Pour Point, °C	-42

Figures based on average production values.