## Product Information:

VERSIMAX HD7 10W-30
FUEL EFFICIENT DIESEL ENGINE OIL

## Description

Versimax HD7 10W-30 is a mid-SAPS (Sulphated Ash, Phosphorus and Sulphur) heavy duty diesel specific engine oil. Manufactured from Group II base fluids this product contains an advanced additive package formulated to provide the utmost protection when operating in severe conditions with extended drain intervals.

Versimax HD7 10W-30 meets the requirements for low emission diesel engines that incorporate one or more of the following after-treatment devices: exhaust gas re-circulation (EGR), selective catalytic reduction (SCR/Adblue), diesel particulate filters (DPFs), diesel oxidation catalysts (DOCs). SAE 10W-30 viscometrics also provides fuel efficiency benefits.

## Applications

Versimax HD7 10W-30 is designed for use in Euro 4 / 5 and 6 on-highway diesel engines and Tier 3 / Stage IIIA, Interim Tier 4 / Stage IIIB and Tier 4 / Stage 4 off-highway diesel engines, where one of the following performance levels, listed below, are specified.

## Performance Levels:

API CJ -4
ACEA E7 / E9
Volvo VDS-4 Approval (417-0001-15-770)
Renault VI RLD-3 (Approved)
Mack EO-M Plus, Mack EO-O Premium Plus (Approved)
Cummins CES 20081
Detroit Diesel 93K218
Mercedes Benz 228.31
Deutz DOC III-10 LA
MTU Type 2.1
CAT ECF-2, ECF-3
MAN M3575
JASO DH-2
Scania LA

## Physical Characteristics

Density @ $15^{\circ} \mathrm{C} 0.868$
Viscosity @ $100^{\circ} \mathrm{C}, \mathrm{cSt}$. 11.5
Viscosity @ 40 ${ }^{\circ}$, cSt. 75
Viscosity Index 150
Flash Point (closed) ${ }^{\circ} \mathrm{C} \quad 180$
Sulphated Ash \%Wt. 1.0
TBN, $\mathrm{mg} / \mathrm{KOH} / \mathrm{g} \quad 7.06$
Pour Point, ${ }^{\circ} \mathrm{C} \quad-35$

Figures based on average production values.

