## Product Information: <br> VERSIMAX ${ }^{\circledR}$ HD5 IOW-40 <br> HIGH PERFORMANCE DIESEL ENGINE OIL

## Description

Versimax ${ }^{\circledR}$ HD5 IOW-40 is a synthetic based high performance diesel engine oil, utilizing performance additive technology to meet API CI-4 and ACEA E7.
Versimax ${ }^{\circledR}$ HD5 IOW-40 is formulated in semi synthetic base fluids, to improve cold start fluidity and circulation, while also protecting components under severe load, when running at high temperatures. The use of modern additive chemistry ensures engine cleanliness and extended component life.
Versimax ${ }^{\circledR}$ HD5 IOW-40 has a wide specification profile and can provide inventory rationalisation options for the mixed fleet operator, where any of the performance levels shown below are stated.

## Applications

Recommended for use in engines where a lubricant of this viscosity and performance level is Recommended for naturally aspirated and turbo-charged engines in heavy duty commercial vehicles, buses, trucks, plant and agricultural equipment Versimax ${ }^{\circledR}$ HD5 IOW-40 is also suitable for most exhaust gas re-circulation (EGR) engines and those fitted with selective catalytic reduction (SCR) NOX systems (Adblue).

NOTE: Versimax ${ }^{\circledR}$ HD5 IOW-40 is only Diesel Particulate Filter compatible with Scania engines. Should not be used in other manufacturer's designs where a DPF is fitted.

## Performance Levels

API CI-4
ACEA E4 / E7
Volvo VDS-3
Scania LDF-3
Global DHD-1
MTU Type 3
Mack EO-N / EO-M Plus
Cummins CES 20077/78
Renault Trucks RXD/RLD-2
DAF Extended Drain
Deutz DQC IV-10

## Approvals

MB-Approval 228.5
MAN M3277 (Approval No. TUC 0506/11)

## Physical Characteristics

Density at $15^{\circ} \mathrm{C} \quad 0.873$
Kinematic Viscosity at $100^{\circ} \mathrm{C}$, cSt. 14.8
Kinematic Viscosity at $40^{\circ} \mathrm{C}$, cSt. 102.3
Viscosity Index 150
Flash Point (Closed) ${ }^{\circ} \mathrm{C} \quad 208$
Pour Point, ${ }^{\circ} \mathrm{C} \quad-36$
TBN, $\mathrm{mg} / \mathrm{KOH} / \mathrm{g} \quad 12.9$
Figures based on average production values.

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