



MORRIS
LUBRICANTS

Product Information:

VERSIMAX® HD12 15W-40 **ADVANCED DIESEL ENGINE OIL**

Description

Versimax® HD12 15W-40 is a mid-SAPS heavy duty diesel engine oil, manufactured from Group II base fluids. This product contains an advanced additive package formulated to provide the utmost protection when operating in very severe conditions with extended drain intervals. Versimax® HD12 15W-40 has been developed for use in diesel engines fitted with exhaust gas re-circulation (EGR), selective catalytic reduction (SCR – Adblue) NOx reduction systems, diesel oxidation catalysts (DOC) and diesel particulate filters (DPF). Versimax HD12 15W-40 has been designed to cope with increased levels of bio-fuel and their effect in the engine.

Applications

Versimax® HD12 15W-40 is designed for use in Euro 5 / Euro 6, Interim Tier 4 / Stage 3B / Tier 4 and Stage 4 / Stage 5 diesel engines, where any of the performance levels shown below are specified. Market sectors include: commercial vehicles, coaches, buses, off-highway and agricultural equipment, etc.

Performance Levels

API CK-4 / CJ-4 / SN
ACEA E7 / E9
CAT ECF-3
Cummins CES 20086
Detroit Diesel DFS Oil Specification 93K222
Mercedes Benz 228.31
Deutz DQC III-10 LA
MTU Type 2.1
Ford 171-F1

Approvals

Volvo VDS-4.5 (Approval #: 417-0003-20-411)
Mack EO-S-4.5 (Approval #: 417-0003-20-411)
Renault VI RLD-4 (Approval #: 417-0003-20-411)

Physical Characteristics

Density @ 15°C	0.870
Kinematic Viscosity at 100°C, cSt.	14.85
Kinematic Viscosity at 40°C, cSt.	107.42
Viscosity Index	143
Flash Point (closed) °C	210
TBN, mg/KOH/g	9.3
Pour Point, °C	-33

Figures based on average production values.

Part No.s: ACK025, ACK205, ACK005

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