



**MORRIS**  
LUBRICANTS

Product Information:

## **VERSIMAX<sup>®</sup> HD16 5W-30** **ADVANCED DIESEL ENGINE OIL**

### **Description**

Versimax<sup>®</sup> HD16 5W-30 is a heavy duty diesel engine oil, manufactured from Group III 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<sup>®</sup> HD16 5W-30 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 HD16 5W-30 has been designed to cope with increased levels of bio-fuel and their effect in the engine.

### **Applications**

Versimax<sup>®</sup> HD16 5W-30 is designed for use in Euro 5 / Euro 6, Interim Tier 4 / Stage 3B / Tier 4 and Stage 4 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 / SN  
ACEA E6 / E9 / E7  
CAT ECF-3  
Cummins CES 20086  
Detroit Diesel DFS Oil Specification 93K222  
Mercedes Benz 228.51 / 228.31  
Deutz DQC IV-18 LA  
MTU Type 3.1  
MAN M3775  
Volvo VDS-4.5 (Approval#: 417-0003-19-696)  
Mack EO-S-4.5 (Approval#: 417-0003-19-696)  
Renault VI RLD-3 (Approval#: 417-0003-19-696)

### **Physical Characteristics**

Density @ 15.6 °C	0.862
Viscosity @ 100°C,cSt.	12.25
Viscosity @ 40°C, cSt.	74.62
Viscosity Index	162
Flash Point (closed) °C	204
TBN, mg/KOH/g	9.4
Sulphated Ash %wt.	0.95
Pour Point, °C	-36

Figures based on average production values.

Part No.s: SXE025, SXE1205

(TDS Versimax<sup>®</sup> HD16 5W-30 – 191219 Issue 2)

