

## VEEDOL DIESEL STAR FLEET HS 10W-40

**Description** **Veedol Diesel Star Fleet HS 10W-40** is based on the officially approved formulas, using the same high-quality additives, but with equivalent alternative base oils. It is therefore a equivalent product in terms of quality, with a performance level corresponding to the originally approved products. However no field test has been conducted to validate the performance and therefore it is claimed only to 'meet the requirements of' as below.

**Application** This engine lubricant is used for gasoline and diesel engines (normally- or turboaspirated) even under the toughest operation conditions and all the year round. This engine oil has a special additive system and may therefore be used when fuels with relatively high sulphur contents are involved. This special quality of engine oil is mainly developed to allow extended oil drain intervals and to prevent "bore polishing" (=cylinder-wear) in diesel engines. This product is suitable for application in Euro 4 and Euro 5 engines.

**Performance Specifications** API CI-4/SL  
ACEA A3/B4-12, E7-12  
Meets the requirements of:  
MB 228.3/229.1  
MAN M 3275, Volvo VDS-3  
Renault VI RLD/RLD-2, MTU Type 2  
Cummins CES 20076/20077/20078  
Mack EO-N/EO-M Plus  
Global DHD-1  
Cat ECF-1-a/ECF-2  
Deutz DQC III-10  
Detroit Diesel 93K215  
ZF TE-ML 07C

**Typicals Properties**

Density at 15 °C, kg/l.....	0,867
Viscosity -25 °C, mPa.s.....	5800
Viscosity 40 °C, mm <sup>2</sup> /s.....	85,81
Viscosity 100 °C, mm <sup>2</sup> /s.....	13,80
Viscosity Index.....	156
Flash Point COC, °C.....	222
Pour Point, °C.....	-39
Total Base Number, mgKOH/g.....	10,7
Sulphate Ash, %.....	1,36

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