



Full synthetic diesel engine oil  
**SAE 10W40, API CI-4/SL**



**VX** Syn-DEO

Ultra high performance fully  
synthetic diesel engine oil  
**SAE 10W40, API CI-4/SL**

5 litres

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### Description

Vx Syn-DEO is an Ultra High Performance Diesel engine oil exclusively designed for the new generation, high performance, low emission engines used in severe on-highway applications. Vx Syn-DEO is formulated using the highest quality base fluids that provide outstanding high temperature viscosity retention, low temperature fluidity, volatility control and fuel economy improvement. The latest low SAPS (Sulphated Ash, Phosphorus, Sulphur) additive chemistry used in Vx Syn-DEO facilitates in maintaining the efficiency of the emission reduction systems such as Diesel Particulate Filter (DPF), which is used by some vehicle manufacturers to meet Euro IV & Euro V emission requirements.

Vx Syn-DEO has exceptional thermo-oxidative stability that provides protection against high temperature deposits, sludge build-up and oil thickening and superior shear stability reduces viscosity breakdown and oil consumption. Excellent low temperature fluidity enables easy pumpability and circulation at low ambient temperatures and therefore enables wear protection at start-up. The advanced low SAPS additive technology protects after treatment devices from deposits and deterioration of catalysts. Excellent antiwear property and high

temperature-high shear viscosity provide protection against engine wear & bore polishing facilitating extended engine life.

### Benefits

Vx Syn-DEO is recommended for highly rated diesel engines meeting Euro IV & V and earlier emission norms and running under very severe conditions like extended drain intervals and is suitable for EGR engines with or without particulate filters and for engines fitted with SCR NO<sub>x</sub> reduction systems. Vx Syn-DEO is strongly recommended for engines fitted with particulate filters and is designed for vehicles running on low sulphur diesel fuel.

### Performance Levels

ACEA E6, E4/E7  
MAN M3271-1 / M3277 / M3277 low ash for CRT/ M3477  
RENAULT RHD  
Deutz DQC III-05  
MB 228.5 / 228.51 / 226.9  
MTU Oil Category 3 & 3.1 (LPG and CNG engines)  
VOLVO VDS-3  
DAF HP-2  
JASO DH-2

### Typical Properties

- SAE		10W/40
Density 15 °C	kg/m <sup>3</sup>	858
Viscosity 40 °C	cSt	98.1
Viscosity 100 °C	cSt	6700
Viscosity Index		157
Pourpoint	°C	-36
Flashpoint C.O.C.	°C	242
Sulphated Ash	%wt	0.90
Operating temperature	°C	-30/150

### Health, Safety and Environment care

**Avoid any contact with used oil. If oil is ingested, seek medical advice. Protect the environment by disposing used oil and empty containers in compliance with local regulations.**

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