



# ENOC VULCAN 880X

## PRODUCT DESCRIPTION

**ENOC VULCAN 880X is a technologically advanced heavy duty diesel engine oil** for low emission engines operating on high temperature using low sulphur fuel and fitted with exhaust after treatment devices such as Three Way Catalyst (TWC), Diesel particulate filters (DPF), Selective Catalyst Reduction (SCR), Diesel Particulates & Nitrous-oxide Reduction(DPNR), Exhaust Gas Recirculation(EGR). Product is developed to comply low emission norms EURO I,II,III, IV & V and extended drain intervals. It is available in SAE 15W-40 viscosity grade to control engine piston deposits.

## APPLICATIONS

- ◆ Heavy duty Diesel Vehicles fitted with state-of-the art exhaust after treatment system such as particulate filters, EGR and catalytic converters to meet low emission requirements EURO IV & V
- ◆ Compatible with other engine oils but recommended not to mix in order to enhance the life of exhaust after treatment devices.
- ◆ Long Drain capability
- ◆ Excellent soot dispersancy, piston deposits and oxidation control

## PERFORMANCE STANDARDS

**VULCAN 880X** meets and exceeds the following International specifications:

API CJ4//SM	MAN	3275
ACEA E7	Renault Trucks	RDL-3
Volvo VDS-4	CAT ECF -3/CAT ECF-2	
MB 228.31	MACK EO-O	
DDC 93K218	CUMMINS 20081	

***Always follow equipment manufacturer's recommendations for required lubricant performance level and oil drain intervals.***

## BENEFITS

**VULCAN 880X provides:**

- ◆ Protects and enhance Exhaust After treatment Devices such as Three Way Catalyst (TWC), Diesel particulate filters (DPF), Selective Catalyst Reduction (SCR), Diesel Particulates & Nitrous-oxide Reduction(DPNR), Exhaust Gas Recirculation(EGR) thus suitable for low emission engines
- ◆ Increase the catalyst life because of low phosphorous level.
- ◆ Superior resistance to oil thickening/sludge formation,outstanding deposit control and improve engine life
- ◆ Outstanding fuel economy and increase oil drain interval and reduce oil top-up
- ◆ Excellent protection against wear
- ◆ Excellent low temperature easy starting, so termed as all weather oil

Technical Data*	
<b>SAE Grade</b>	<b>15W 40</b>
Density kg/m <sup>3</sup>	0.8560
Kinematic Viscosity mm <sup>2</sup> /s @ 40 <sup>o</sup> C	106.2
Kinematic Viscosity mm <sup>2</sup> /s @100 <sup>o</sup> C	14.74
Viscosity Index	143
TBN mg KOH/g	8.0
Flash Point COC	234
Pour Point	-36
Sulfated Ash	0.94
Product Code	200040

\*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

### HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.