



# ENOC VULCAN GREEN

## PRODUCT DESCRIPTION

**ENOC VULCAN GREEN** is an advanced low SAPS (Sulfated Ash, Phosphorous & Sulfur) high technology 100% fully synthetic heavy duty diesel engine oil for engines to use Green Diesel (Ultra Sulfur diesel) 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 10W-40 viscosity grade to provide maximum diesel saving and meeting long drain requirements.

## 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

## PERFORMANCE STANDARDS

**VULCAN GREEN** meets and exceeds the following International specifications:

API	CI-4	MAN	3477, 3277 (Low Ash)
ACEA	E6-10, E7-10, E4-99	Renault Trucks	VI RLD-2, RXD
Volvo	VDS-3	MTU	Type 3.1/3.0
MB	228.51/228.5	Mack	EO-N
Scania	Low Ash	Deutz	DQC III-10
MAN	CES 20076, 20077		

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

## BENEFITS

**VULCAN GREEN** provides:

- ◆ Protects and enhances 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) due to low SAPS technology, 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

SAE Grade	10W-40
Density kg/m <sup>3</sup>	0.8535
Kinematic Viscosity mm <sup>2</sup> /s @ 40°C	92.57
Kinematic Viscosity mm <sup>2</sup> /s @ 100°C	13.7
Viscosity Index	147
TBN mg KOH/g	9.7
Flash Point COC	224
Sulfated Ash	1.0
Pour Point, °C	-36
Product Code	200038

\*The information provided here 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.