

# ENOC VULCAN GREEN

## PRODUCT DESCRIPTION

**ENOC VULCAN GREEN** is an advanced universal low SAPS (Sulfated Ash, Phosphorous & Sulfur) technology 100% fully synthetic heavy duty diesel engine oil for engines to use Green Diesel (Ultra Low Sulfur diesel). Moreover it holds a unique technology that meets the requirements of full SAPS lubricants. It Combines global heavy-duty diesel requirements of all European ACEA and US API claims in a single, high-performance lubricant. Product is developed to comply low emission norms EURO I, up to EURO VI and extended drain intervals. It is one of the highest TBN based low SAPS products in the market providing maximum cost saving as well as 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 V & VI
- Compatible with other engine oils but recommended not to mix in order to enhance the life of exhaust after treatment devices.
- Mixed fleet capabilities and can accommodate higher fuel sulfur levels
- Long Drain capability

## PERFORMANCE STANDARDS

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

<b>API</b>	CJ-4	<b>Caterpillar</b>	ECF-3
<b>ACEA</b>	E4/E6/E7/E9	<b>MAN</b>	M3477, M3575, M3271-1
<b>Volvo</b>	VDS-4	<b>Renault Trucks</b>	RLD-3
<b>MB Approval</b>	228.51	<b>MTU</b>	Type 3.1
<b>Scania</b>	Low Ash	<b>Deutz</b>	DQC IV-10 LA
<b>MACK</b>	EO-O Premium Plus	<b>Cummins</b>	CES 20081

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

## BENEFITS

**VULCAN GREEN** provides:

- Protects and enhance Exhaust After treatment Devices such as Three Way Catalyst (TWC), Diesel particulate filters (DPF), etc. 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 @100°C	14.1
Noack Volatility %	11
TBN mg KOH/g	12.8
Phosphorus %	0.08
Sulfated Ash %	0.9
Pour Point, °C	-36
Product Code	200038

\*The information provided 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.