



# ENOC VULCAN 660X

## PRODUCT DESCRIPTION

**ENOC VULCAN 660X** is a Super High Performance quality diesel engine oil available in a shear stable viscosity grades. This lubricant has been developed as a long life oil to exceed Mercedes Benz 228.1 and Volvo VDS long oil drain specifications. **VULCAN 660X** offers the ultimate performance for fleet operators wanting long engine life for modern European, US and Japanese low emission diesel engines capable of extended drain periods.

## APPLICATIONS

- ◆ Mixed fleets of automotive diesel truck manufacturers
- ◆ Modern low emission automotive diesel engines
- ◆ Off-highway vehicles and plant equipment
- ◆ Diesel generator sets
- ◆ All vehicle makes used in long distance transport

## PERFORMANCE STANDARDS

**VULCAN 660X** meets and exceeds the following OEM and International Specifications:

API	CG-4, CF-4 / SJ	Caterpillar	TO-2
ACEA	E2 04, B2 02, A3-02	MAN	271
Renault	VI E2R	Allison	C-4
Mercedes Benz	228.1		
Volvo	VDS		

***Always follow equipment manufacturer's recommendations for required lubricant performance levels, in particular the SAE 20W-50 grade is generally not recommended by the OEMs.***

## BENEFITS

**VULCAN 660X provides:**

- ◆ Excellent engine cleanliness
- ◆ Mixed fleet capabilities
- ◆ Trouble free operation between service intervals
- ◆ Reduced maintenance capabilities

Technical Data*		
SAE Grade	20W-50	15W-40
Kinematic Viscosity		
mm <sup>2</sup> /s @ 40°C	174	107
mm <sup>2</sup> /s @ 100°C	17	14.5
Viscosity Index	120	140
Flash Point, COC, °C	230	220
Pour Point, °C	-24	-27
BN No. ASTM D2896	11	11
Sulphated Ash % m	1.32	1.32

\*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.