

# **ENOC VULCAN 3320 Special**

### PRODUCT DESCRIPTION

**ENOC VULCAN 3320 Special** is a high performance, zinc free diesel engine oil, designed specifically for use in high and medium speed heavy duty automotive and locomotive diesel engines meeting API CF/CF-2 specifications and LMOA Generation 4 performance operating on high sulphur fuels > 0.7% mass.

#### **APPLICATIONS**

- High speed stationary, Locomotive and marine turbocharged diesel engines
- Industrial power generation high speed diesel engines operating on high sulphur fuel
- Marine off-shore supply vessels using Detroit Diesel, GM EMD engines on high sulphur fuel
- ♦ Medium speed engines operating on high sulphur distillate fuel such as General Electric
- Particularly recommended for Caterpillar pre-combustion chamber engines

#### PERFORMANCE STANDARD

VULCAN 3320 Special meets and exceeds the following OEM and International specifications:

API CF, CF-2 LMOA Generation 4 GE GEK-61435C GM EMD MI-1761D

Japanese CD

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

#### **BENEFITS**

## **VULCAN 3320 Special provides:**

- Suitable for use in turbo-charged engines
- ♠ Excellent resistance to oxidation
- Reduced damage caused by high sulphur fuel
- Good detergent/dispersant qualities
- Neutralised acids in the process of burning high sulphur fuel

Technical Data*	
SAE Grade	40
Kinematic Viscosity	
$mm^2/s @ 40^0C$	139.8
mm <sup>2</sup> /s @100 <sup>0</sup> C	14.66
Viscosity Index	104
Flash Point, COC, <sup>0</sup> C	254
Pour Point, <sup>0</sup> C	-15
BN No. ASTM D2896	20
Sulphated Ash %m	2.37
Zinc ppm by AAS	1
Product Code	200025

<sup>\*</sup>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.

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