



# ENOC PEGASO 417

## PRODUCT DESCRIPTION

**ENOC PEGASO 417** oil has been developed for high output medium speed diesel engines requiring "Zinc-free", LMOA (Locomotive Maintenance Officers Association) Generation 5 lubricant used in locomotive, marine and stationary service applications. This railroad oil is formulated from high quality paraffinic base oils and incorporate special detergent-dispersant technology for engines burning high sulphur distillate fuels.

## APPLICATIONS

- ◆ Medium speed two-stroke and four-stroke railroad diesel engines
- ◆ GM EMD railroad engines (SAE 40)
- ◆ General Electric railroad engines (SAE 40)
- ◆ Detroit Diesel two-stroke engines burning >0.5 m% sulphur fuel
- ◆ Stationary generator sets including Caterpillar 3600 series engines

## RECOMMENDATIONS

**PEGASO 417** oil is specially formulated to lubricate locomotive diesel engines which are fitted with silver alloy bearings that require zinc-free lubricants. In addition the additive system provides excellent control of piston and ring deposits and is highly dispersant for soot control.

## PERFORMANCE STANDARDS

LMOA Generation 5 SAE 40 grade  
General Motors – EMD Generation 5  
General Electric – Generation 5 LL (Long Life)  
Caterpillar 3600 series  
API CF / CF-2

***Always follow equipment manufacturers recommendations for required lubricant performance levels and viscosity grades.***

## BENEFITS

### **PEGASO 417 Oil provides:**

- ◆ Protection of Silver alloy bearings through special zinc-free anti-wear additive system
- ◆ Maximum engine protection against corrosive wear
- ◆ Effective control of high temperature deposits and highly dispersant to control soot
- ◆ Extended oil drain with high sulphur fuel through good base number retention
- ◆ High thermal and oxidation stability to maintain long periods of engine cleanliness

<b>Technical Data*</b>	
<b>Product Grade</b>	<b>417</b>
SAE Grade	40
Viscosity, mm <sup>2</sup> /s @ 40°C	138.2
mm <sup>2</sup> /s @ 100°C	14.53
Flash Point, COC, °C	248
Pour Point °C	-15
Sulfated Ash, %wt.	1.89
Total Base Number ASTM D-2896	17
Zinc ppm	<10
Product code	256001

\*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.