



# **Lyden Oil Company**

## **ProGuard Product Data**

### **ProGuard Railroad Diesel Engine Oil Product Data Sheet**

**ProGuard Railroad Diesel Engine Oils** are formulated to provide year-round lubrication in 2-cycle and 4-cycle, low and high horsepower, turbocharged medium speed railroad, marine and stationary diesel engines for the power generation that requires zinc free lubrication.

**ProGuard Railroad Diesel Engine Oils** are high dispersant engine oils with high alkaline reserve protection for long drain intervals. They are formulated with a zinc-free additive system to protect the silver plated bearings and bushings manufactured by the Electro-Motive Division (EMD) of General Motors and GE.

**ProGuard Railroad Diesel Engine Oils** are field tested and OEM approved meeting all current (2008) GE, GE Generation 4, EMD and EMD Generation V specifications and qualifies for unrestricted use in EMD and GE high horsepower turbocharged diesel engines.

**ProGuard Railroad Diesel Engine Oils** are recommended for use in locomotive diesel engines manufactured by: ALCO Engine Division of White Industrial Power Inc., Baldwin-Lima-Hamilton, Caterpillar, Cleveland Engine Division of General Motors, Electro-Motive Division of General Motors, Fairbanks Morse and General Electric Company.

#### **Benefits**

- Superior Ring to Liner Scuffing Protection
- Good Ring Zone Deposit and Bearing Corrosion Control
- Excellent High Temperature Stability and Performance
- Excellent Oxidation Control to Minimize Thickening, Sludge and Varnish Formation
- Extended Drain Intervals, Fuel Savings and Filter Life

#### **Availability**

**ProGuard Railroad Diesel Engine Oils** are available in straight 40 wt and 20W40 viscosities, have a Zinc content < 2.0 and TBN of 9.0 to meet your needs.

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### **Lyden Oil Company**

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