

PURUS® RAILROAD DIESEL ENGINE OILS

Manufactured with highly refined base oils

DESCRIPTION: PURUS® Railroad Diesel Engine Oils are formulated to provide all-season lubrication in 2-cycle and 4-cycle, low and high horse-power, turbocharged, railroad, marine and stationary diesel engines requiring zinc-free lubrication.

APPLICATION: PURUS® Railroad Diesel Engine Oils are recommended for use in all 2 and 4-cycle, naturally aspirated or turbocharged medium speed diesel engines found in railroad, marine, and stationary engines. These products meet the requirements of EMD Generation 7, and GE Generation 4 Long Life applications and meet the requirement of railroad engines conforming to the new "Tier 4" emission regulations effective 2015.

**PERFORMANCE
BENEFITS:**

- Meets all current (2015) GE and EMD Specifications
- Optimized TBN levels formulated for use with low and ultra-low sulfur diesel fuels
- Suitable for unrestricted use in EMD and GE high horsepower turbocharged diesel engines
- Advanced dispersant technology for higher soot loading and lower oil consumption
- Reduced sulfated ash content
- Excellent high temperature stability and performance
- Extended oil drain intervals
- Extended filter life

**TYPICAL
PROPERTIES*:**

SAE Grade	40	20W-40
Specific Gravity @ 15.6 °C	0.885	0.882
Viscosity @ 40 ° C, cSt	170	129
Viscosity @ 100 °C, cSt	15	15.1
Viscosity Index	90	120
Pour Point, °F	-18	-27
Flash Point, °F	450	450
TBN	11	11
Zinc, ppm	<10	<10
Sulfated Ash, %	1.15	1.15
Color	6.5-7.0	6.5-7.0



* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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