

ARGuard™ Zinc Free Deluxe Diesel Supreme Plus

PROD. CODE
7287, 7289

ARGuard™ Zinc Free Deluxe Diesel Supreme Plus is a high performance diesel engine lubricant intended for use in Progress Rail (EMD) and Wabtec (GE) engines in railroad, marine and power generation applications.

FEATURES & BENEFITS

- Designed to meet the stringent performance requirements of new/remanufactured Tier 4 locomotives utilizing ULSD and operating under more severe conditions with less oil consumption and lower emissions
- Offer reduced SAPS (sulfated ash, phosphorous and sulfur)
- Advanced detergency and dispersancy technology
- Increased yellow metal and anti-wear protection critical to satisfactory operations and long component life of exhaust after treatment devices (particulate filters and oxidation catalysts)
- Enhanced alkalinity (BN) retention and oil consumption reduction characteristics

APPLICATIONS

- LMOA Generation 7
- Specifically designed for use in medium-speed two-cycle and four-cycle diesel engines such as those typically employed in railroad locomotives and certain marine and stationary diesel engine applications
- Backwards compatibility and increased benefits to older model EMD and GE engines when combined with used oil trend analysis and condition based monitoring
- For use in a wide variety of locomotive applications including 'legacy' models (Detroit Diesel, ALCO, Fairbanks Morse)

| METHOD | DESCRIPTION | TYPICAL | |
|------------|-------------------------|-------------------|---------------|
| | | SAE 20W-40 (7287) | SAE 40 (7289) |
| D4052 | API GRAVITY, 60°F | 27.9 | 27.6 |
| CALCULATED | DENSITY, LBS/GAL | 7.40 | 7.41 |
| D445 | VISCOSITY @ 40 °C, cSt | 143 | 141 |
| D445 | VISCOSITY @ 100 °C, cSt | 15.3 | 14.7 |
| D2270 | VISCOSITY INDEX | 111 | 102 |
| D1500 | COLOR | OPAQUE | OPAQUE |
| D5949 | POUR POINT, °F (°C) | 0 (-18) | 5 (-15) |
| D92 | FLASH POINT, °F (°C) | 450 (232) | 450 (232) |
| D2896 | TBN, (mg KOH/g) | 11 | 11 |
| D874 | SULFATED ASH, wt. % | 1.15 | 1.15 |
| METHOD 16 | ZINC, ppm (max) | 10 | 10 |

Mixing with incompatible chemicals may be hazardous. This product is for industrial use only. Safety data sheets are available upon request. No warranties expressed or implied, including patent warranties or warranties of merchantability or fitness for a particular purpose, are made by American Refining Group, Inc., with respect to products described or information set forth herein. Nothing contained herein shall constitute a permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.



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