

PRODUCT DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road • Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438.3178 fax
www.weberoil.com

Gibraltar Railgard ZF Engine Oil

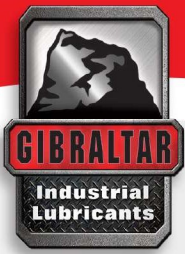
Zinc Free Diesel Locomotive & Marine Engine Oil

Gibraltar Railgard 940 represents the latest advancement in zinc-free railroad and inland marine diesel engine oil technology. This fluid is designed to meet the changing needs and stringent requirements of today's railroad and inland marine diesel engines utilizing ultra-low sulfur diesel fuels and operating under severe conditions.

Gibraltar Railgard 940 has OEM approvals from Progressive Rail (EMD) and Wabtec (GE) and is intended for diesel engines utilized in railroads, marine, and some power generation application. Its advanced technology protects silver bearings and other yellow metals while also reducing SAPS (sulfated ash, phosphorous and sulfur) for exhaust after treatment protection and Tier 4 emissions compliance. Specifically formulated for medium-speed 2-stroke and 4-stroke diesel engines typically deployed in locomotives and certain marine and stationary diesel engine applications, **Gibraltar Railgard 940** is fully back compatible to older EMD, GE and other legacy model engines.

Gibraltar Railgard 940 provides the following benefits:

- Low SAPS, High TBN formula for lower emissions and extended protection
- Robust anti-wear, detergency, and dispersant technology
- Low oil volatility for less lubricant consumption
- Zinc-free for yellow metal protection
- Performance benefits for modern and legacy engines



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SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

LMOA Generation 7
EPA Tier IV
Wabtec (General Electric)
Fairbanks Morse

Progressive Rail (EMD)
Detroit Diesel
ALCO

TYPICAL PROPERTIES

SAE GRADE	40
Viscosity, cSt @ 100°C	14.7
Viscosity, cSt @ 40°C	141
Viscosity Index	102
Pour Point, °C, min.	-15
Flash Point, COC, , max.	230
Zinc, ppm, max.	10
TBN	11