

When The Going Gets Tough

The Tough **Go Further**

OVER- THE-RAIL TESTED

**EXCELLENT
HIGH-TEMP
STABILITY &
PERFORMANCE**

**RAILROAD ENGINE OILS &
RELATED PRODUCTS**



Fuels | Lubricants | Knowledge | Service



THE LUBRICANTS YOU NEED TO GO FURTHER.

LOCOMOTIVE ENGINE OILS

Formulated for year-round lubrication in 2-cycle and 4-cycle, low- and high-horsepower, turbocharged railroad, marine, and stationary diesel engines requiring zinc-free lubrication.

FEATURES:

- OEM approved
- Meets all current GE and EMD specifications
- Qualifies for unrestricted use in EMD and GE high-horsepower turbocharged diesel engines
- Suitable for both low- and ultra-low-sulfur diesel fuels
- No warranty restrictions
- Field-tested
- Superior ring to liner scuffing protection
- Good protection against ring deposits and bearing corrosion control
- Excellent high-temperature stability and performance
- Excellent oxidation control to minimize oil thickening, sludge, and varnish formation
- Extends oil and filter life
- Improved cold-weather starting
- Zinc-free operation

APPLICATIONS:

- All 2-cycle and 4-cycle, naturally aspirated or turbocharged, medium-speed diesel engines
- Railroad, marine, and stationary engines where zinc-free lubrication is required
- EMD Generation V
- GE Generation 4 Long Life
- FS Railroad Engines Oils are available in 11 TBN or 20W-40
- Package sizes available are bulk, totes, and 55-gallon drums



BULK LUBRICANT DELIVERY

Bulk lubricant delivery is a very convenient and cost-effective way of keeping on-site maintenance running smoothly. From bulk tanks to hose reels and air pumps, your energy specialist at FS has the expertise to help you match the right equipment to the needs of your maintenance operation. And just like our packaged lubricants, we assure the quality of our bulk products from manufacture to application. It's just another way FS helps you and your operation go further.



USED OIL ANALYSIS

Your energy specialist at FS can provide you with additional services to help you get the most from your maintenance program. Our used oil analysis program helps determine if extending oil drain intervals is a viable option to help you save money. It also identifies trace metals that can warn of excessive wear. Used oil analysis often helps identify small problems before they turn into big ones.



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