



## THRIVE™ DIESEL High Performance Railroad Oil

### Description

**THRIVE™ Diesel Railroad Oils** are advanced formula Medium Speed Diesel Engine Oils designed to meet the stringent requirements of late model EMD and GE engines. **THRIVE™ Diesel Railroad Oils** are formulated to address emerging fuel and emission standards in a wide range of railroad, inland marine and stationary engine applications.

**THRIVE™ Diesel Railroad Oils** have enhanced oxidation and thermal stability and improved yellow metal wear protection. Their formulations have been optimized to reduce ash content and incorporate advanced dispersant technology.

**THRIVE™ Diesel Railroad Oils** are non-chlorinated and zinc free. They meet or exceed the LMOA Gen V and GE GEN 4LL requirements.

**THRIVE™ Diesel Railroad Oil 20W-40** is approved for use in EMD 567, 645, and 710 engines and in GE diesel engines requiring LMOA Generation 6 lubricating oil.

### Features/Benefits

- ✓ **Non-chlorinated and Zinc Free**
- ✓ **Enhanced Oxidation and Thermal Stability**
- ✓ **Optimized Formulations to Reduce Ash Content**
- ✓ **Advanced Dispersant Technology**
- ✓ **Improved Engine Cleanliness (Piston and Top Deck)**
- ✓ **Longer Oil and Filter Life (when used in conjunction with a used engine oil analysis program)**
- ✓ **Improved Yellow Metal Protection**

### Physical & Chemical Properties

	SAE 40	SAE 20W40
Product Number	103	522
SAE	40	20W-40
Viscosity @ 40°C cSt	150	140
Viscosity @ 100°C, cSt	15	15.5
Viscosity Index	100	114
CCS cP @ -15°C	NA	9500 Max
TBN	9.2	9.2
Ash % wt.	1	1
Calcium ppm	3000	3000