

THRIVE® Railroad 20W40 Tier 4

High Performance Locomotive Engine Oil



Description

THRIVE® Railroad 20W40 Tier 4 oil is an advanced formula Medium Speed Diesel Engine Oil designed to meet the stringent requirements of late model Progress Rail/EMD and Wabtec/GE engines.

THRIVE® Railroad 20W40 Tier 4 oil is formulated to address emerging fuel and emission standards in a wide range of railroad, inland marine, and stationary engine applications.

THRIVE® Railroad 20W40 Tier 4 oil has enhanced oxidation and thermal stability and improved yellow metal wear protection. The formulation has been optimized to reduce ash content and incorporate advanced dispersant technology.

THRIVE® Railroad 20W40 Tier 4 meets or exceeds the Progress Rail/EMD and Wabtec/GE lubricating oil requirements, including LMOA Generation 7 and EPA Tier 4 emission levels. This oil is designed to not contain zinc or chlorine.

THRIVE® Railroad 20W40 Tier 4 is approved by Progress Rail (EMD 567, 645, 710 and 1010) and General Electric (LMOA Generation 7).

Features/Benefits

- Enhanced Oxidation and Thermal Stability
- Advanced Dispersant Technology
- Improved Engine Cleanliness (Piston and Top Deck)
- Longer Oil and Filter Life
- Easy Conversion – Excellent Compatibility with LMOA Generation 6 Oils (Tier 3)

Applications

- LMOA Generation 7 (and prior)
- EPA Tier 4 Locomotives
- EPA Tier 3, 2+, 1+, 0+ Locomotives
- Vintage Engines (Detroit Diesel, ALCO, Fairbanks Morse)

Typical Physical and Chemical Properties	
THRIVE® Railroad 20W40 Tier 4	
Product Number	523
SAE	20W-40
Viscosity @ 40°C, cSt	140
Viscosity @ 100°C, cSt	15.5
Viscosity Index	114
Pour Point, °C	-15
TBN	11
Ash % wt.	1.15
Calcium ppm	3000
Zinc, ppm	<10