

EMIRATES 1 RAILROAD ENGINE OILS

(Heavy Duty Diesel Engine Oils)

Description

Emirates 1 Railroad Engine Oils are advanced, ashless, heavy duty engine oil specifically designed for large diesel engines in railroad, marine, and power generation applications.

Applications

Emirates 1 Railroad Engine Oils meet the requirements of the latest specifications are designed for use in heavy duty 2 and 4 stroke diesel engines where zinc-free engine oil is required. Such applications include a range of railroad, inland and off-shore marine, and stationary engines in power generation.

Properties

Emirates 1 Railroad Engine Oils are formulated with the finest virgin base oils and incorporates advanced zinc-free anti-wear, oxidation, and corrosion inhibiting additives. This advanced additive system effectively protects engine components from wear in severe service, prevents the formation of sludge, varnish and carbon deposits, and extends oil drain intervals. TBN rating of 9 to compliment low and ultra-low sulfur diesel fuel.

Performance Features and Benefits

- Long equipment life
- Deposit control and acid neutralization
- Zinc-free Chemistry
- Optimal oil service life

Recommendations/Specifications

Meets or exceeds: Requirements of the following specifications and are recommended for use in (but not limited to); **EMD (GM Electro-Motive Division) engines where zinc free oils are mandatory for the protection of silver bearings, LMAO Generation, 4, 5, and 6, GE Generation 4 Long-Life & API CF performance.**

Viscosity Grade, SAE J300	20W-40	40
Density at 15 ⁰ C, g/ml, ASTM D4052	0.870	0.875
Kinematic Viscosity at 40 ⁰ C, mm ² /s, ASTM D445	117	125
Kinematic Viscosity at 100 ⁰ C, mm ² /s, ASTM D445	14.1	13.6
Viscosity Index, ASTM D2270	125	105
Flash Point(COC), °C, ASTM D92	220	230
Pour Point, °C, ASTM D97	-27	-18
Total Base Number, mg KOH/g, ASTM D2896	9.0	9.0
Zn, wt %,ASTM D5185	<0.001	<0.001

Note: The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional queries, please contact Emirates 1 Technical Service Department.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS). Safety Data Sheets available on request.

Available in: Pails: 20 L & 25 L., Drums: 200 L, 208 L, 1000L