



HP RAIL ROAD OIL 810M

DESCRIPTION

HP RAIL ROAD OIL 810M is a 9 TBN, Generation-V, Zinc free multigrade crankcase oil for all locomotives including EMD, GE & ALCO. It has a reduced ash content and incorporates advanced dispersant technology. It enhances oxidation and thermal stability, and improves yellow metal wear protection. It has good base retention, viscosity control, and insoluble control. It is suitable for use in Rail Road engines using low sulfur / Ultra low sulfur diesel.

APPLICATIONS

It is approved for GE Locomotives and is recommended for use in all types of locomotives operating in Indian railways. Absence of Zinc in the oil makes it ideal for use in diesel locomotives fitted with silver components.

FEATURES & BENEFITS

- Excellent engine wear protection
- Outstanding sludge control
- Excellent TBN retention
- Long Oil drain interval
- Fuel efficiency benefits
- Reduced environmental emissions

MEETS REQUIREMENTS OF

HP RAIL ROAD OIL 810M exceeds LMOA Gen V and GE GEN 4LL requirements.

PHYSICO-CHEMICAL PROPERTIES (TYPICAL)

Kinematic Viscosity, @ 100°C, cSt	16
Viscosity Index	129
Flash Point, (COC) °C	260
Pour Point, °C	-30
Sulphated Ash % wt.	0.93
TBN, mg KOH/g	9
Zinc, ppm, max	10