



# LUBRICANTS™

POWER TO PERFORM™

## HP RAIL ROAD OIL 613

Rail Road Engine Oil

### DESCRIPTION

HP RAIL ROAD OIL 613 is a Generation-4 crankcase oil developed to meet the requirements of ALCO/DLW locomotives

### APPLICATIONS

Recommended for use in ALCO/DLW locomotives operating in Indian Railways. It is however not recommended for use in locomotives fitted with silver lined components.

### FEATURES & BENEFITS

- Protection against deposits and engine wear
- Engine cleanliness
- Excellent control on corrosive wear

### MEETS REQUIREMENTS OF

API CD, US Military MIL-L-2104C, LMOA Generation-IV & E-DL 2 of IS 13656:2014

### PHYSICO-CHEMICAL PROPERTIES (TYPICAL)

Kinematic Viscosity, @ 100°C, cSt	16
Viscosity Index	90
Flash Point, (COC) °C	225
Pour Point, °C	-6
Sulphated Ash %wt	1.75
TBN, mg KOH/g	9

### APPROVED BY

RDSO for use in Alco / DLW locomotives operating in Indian Railways