



# LUBRICANTS

POWER TO PERFORM

## HP LITHON RR 3

### DESCRIPTION

HP LITHON RR 3 is a premium quality lithium base multipurpose grease

Meets AARM – 942 ( Modified ), IS 7623 : 1993 (Re-affirmed 2006) specification and WD – 17 of Indian Railways.

Recommended for use in antifriction bearings of railway axle boxes, heavy duty wheel bearings of road transport vehicles, diesel/electric locomotive roller bearings, construction machinery, cranes, blowers and electric motors.

### PERFORMANCE BENEFITS

- Prolonged regreasing period
- Excellent shear stability
- Enhanced component life
- Surface adhesion
- Reduced down-time
- Non ageing
- Substantial saving in maintenance and running costs
- Excellent mechanical & structural stability

### PHYSICO-CHEMICAL PROPERTIES

Appearance	Smooth & Uniform
Consistency of the grease, @ 25 ± 0.5 °C, 0.1 mm units Worked, 60 strokes	
Min	220
Max	250
Worked 10000 Strokes	Shall not differ from worked 60 X by more than 25 units
Dropping Point, °C, Min	180
Free Alkalinity, as LiOH, % wt, Max	0.2
Free Organic Acidity, as, Oleic Acid, % wt	0.3
Corrosion Copper Strip, @ 100°C for 24 Hrs	Negative
Heat Stability, @ 100°C for 30 HRS, % wt Oil Separated, Max	5

HP LITHON RR 3 is also approved by Indian Railways for use in Automotive and M & P applications.

The product is under trial in rolling stock application at Eastern Railways