

Product Data Sheet

IPOL Iplex RR3 Grease

High performance long life grease

Description:

IPOL Iplex RR3 grease is a superior quality, multi-purpose lithium soap grease fortified with friction modifiers, rust & corrosion inhibitors & high quality base oils. This grease has good resistance against water wash out too & hence is suitable for wheel bearing application.

This is an NLGI 3 grease & has higher consistency making it suitable for use in heavy duty bearing application.

Salient Features & Benefits:

- Meeting IS: 12203: 1999 & additionally meets some of the performance requirements of AAR M 942 – 81 (Association of American Railroad) specifications.
- Excellent water resistance therefore does not wash away due to water sprays over bearing & grease & hence most suitable for wheel bearing application.
- Good shear stability helps to resist early shear & work longer during severe working conditions. Good oxidation stability which gives enhanced life & minimum changing intervals.
- Higher drop point, well suited for high operating wheel bearing application.
- Good EP load characteristics therefore suitable for high load applications.

Application:

- IPOL Iplex RR3 grease is specially developed for wheel bearing of heavy duty vehicles for longer service life. It is suitable for lubrication under sub-zero & reasonably high temperature (140 degree °C).
- IPOL Iplex RR3 grease is specially recommended for TATA, Ashok Leyland, VE Commercial, SML ISUZU, Volvo wheel bearing application.
- IPOL Iplex RR3 Grease is approved by Ashok Leyland vide their letter no. SPL/OIL/069

Characteristics:

Properties	Test Method	Typical Test Results
Appearance	Visual	Smooth Grease
Color	Visual	Light Brown
Thickener	---	Lithium
Base Oil Type	----	Mineral
Worked Penetration 60x at 25°C	ASTM D 217	240
Drop Point (°C)	ASTM D 566	198
Penetration change after 1 Lack Strokes	ASTM D 217	15 Units
Copper Strip Corrosion Test at 100°C / 24 Hrs	ASTM D 4048	Negative
Wheel Bearing Leakage at 105°C / 6 Hrs (gms)	ASTM D 1263	1.5 gm
Base Oil Viscosities	ASTM D	220

The above data is typical & does not constitute a specification. The information provided is not to be taken as a warranty or representation for which we assume no legal responsibility, nor as permission or recommendation to practice any attended location or otherwise. It is solely offered for your consideration, investigation and verification.

Storage & handling:

- Indoor storage is recommended.
- Barrels should always be kept in vertical position & away from heated area
- Lid should not be left open, during handling any contact with dust must be avoided.