

Product Data Sheet

IPOL Iplex LC 300 Grease

Multipurpose lithium-complex grease

Description:

IPOL Iplex LC 300 grease is excellent lithium complex greases comprising highly refined lube base oils having high viscosity index lithium complex soap developed specially for the slip seal application of rotary kiln of sponge iron plant.

This grease is incorporated with anti-oxidation and rust inhibitors and anti-wear additives. These greases have excellent shear stability and surface adhesion.

Salient Features & benefits:

- Recommendation for long life applications under cold and hot moisture conditions
- Highly resistant to heat, rust, oxidation, and corrosion.
- These grease can replace conventional multi-purpose & extreme pressure grease & suitable for centralized lubrication systems.

Application:

- specially recommended for slip seal application in sponge iron rotary kiln, mining & off-road heavy machinery.
- IPOL Iplex LC 300 Grease is suitable for multi-range applications where long life and trouble-free performance are key requirements.
- This is ideal multifunctional grease for lubrication of all types of Industrial components subjected to higher than ambient operating conditions.
- Ideal replacement for various lithium & lithium EP greases, which is effective in rationalization of grease grades in Industries.

Characteristics:

Test	Test Method	Typical Test Results
Appearance	Visual	Smooth Grease
Color	Visual	Light Brown
Worked Penetration 60x	ASTM D 217	305
Drop Point (°C)	ASTM D 566	286
Penetration change after 1 Lack Stokes	ASTM D 217	19 Units
Copper Strip Corrosion Test at 100°C / 24 Hrs	ASTM D 4048	Negative
Roll Stability at 50°C / 16 Hrs Penetration change in (%)	ASTM D 1831	12.80%
Wheel Bearing Leakage at 105°C / 6 Hrs (gms)	ASTM D 1264	2.5 gm
Weld Load (kg)	ASTM D 2596	250
Wear Scar (mm)	ASTM D 2266	0.45 mm
Water Washout Test (%)	ASTM D 1264	3.8
Base Oil Viscosity @ 40°C	ASTM D 445	220

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