

MULTIPURPOSE LITHIUM-COMPLEX GREASE**IPLEX L.C. GREASES****Description:**

IPOL IPLEX L.C. GREASES are excellent lithium complex greases comprising highly refined lube base oils having high viscosity index and high drop point lithium complex soap systems. **IPOL IPLEX L.C. GREASES** are incorporated with anti-oxidation and rust inhibitors and anti-wear additives. These greases have excellent shear stability and surface adhesion.

Salient Features:

- Recommendation for long life applications under cold and hot moisture conditions
- highly resistant to heat, rust, oxidation, and corrosion.

Application:

IPOL IPLEX L.C. GREASES are suitable for multi-range applications where long life and trouble-free performance are key requirements. These are ideal greases for hot air fan bearings, electric motor bearings, water pump bearings, kiln car rollers, wheel bearings of heavy duty vehicles, etc.

Benefits:

- These greases can replace conventional multi-purpose and extreme pressure greases and are friendly to centralized lubrication systems.

Product Data

Typical Results: IPLEX LC GREASE

Characteristics	Test Methods	Results		
		NO.1	NO.2	NO. 3
Colour	Visual	Yellowish Brown		
Texture	Feel	Smooth Buttery	Smooth buttery	Smooth buttery
Base	-	Lithium Complex	Lithium Complex	Lithium Complex
Drop Point °C Min.	ASTM D 5116	260	260	260
Worked Penetration 60 double strokes 25°C	ASTM D 217	310-340	265 - 295	220 - 250
Penetration change after 1,00,000 strokes max.	ASTM D 217	± 25	± 25	± 25
4 Ball EP Weld Load, Kg. Min.	ASTM D 2783	200	250	250
Water washout loss % @ 80°C Max.	ASTM D 1264	5	5	5
Oxidation Stability, pressure drop Kg/CM ² after 100 hrs. @ 100°C Max.	ASTM D 942	0.4	0.4	0.4
Copper Corrosion @ 100°C for 24 hrs. Max.	ASTM D 4048	1	1	1

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