

## **IPOL IPLEX LOW TEMPERATURE GREASE**

### **Description :**

IPOL IPLEX LOW TEMPERATURE GREASES are designed for operation at sub-zero temperatures. These are formulated as a dispersion of calcium complex soap in synthetic base oil. The base oil selected is such that it has a high viscosity Index.

### **Salient Features :**

- Non-reactive to copper
- Excellent oxidation stability.

### **Application :**

- IPOL IPLEX Low Temperature Grease can be operate for prolonged durations in operating temperature ranging from - 50 to 180°C.

### **Benefits :**

- Adequate lubrication ability over full range
- Water Resistance
- Easy Pumpability
- Compatibility with elastomer seals
- Adequate EP Properties

## Product Data

### Typical Results : IPOL IPLEX Low Temperature Grease

Characteristics	Test Methods	Results
Worked Penetration 60 double stroke at 25°C	ASTM D 217	277
Penetration @25°C difference between 60 & 100000 Strokes	ASTM D 217	17
Drop Point °C Min.	ASTM D 2265	264
Four Ball Weld Load Kgs.	ASTM D 2783	315
Oxidation Stability Pressure drop Kg/CM2 after 100 hrs. @ 100°C	ASTM D 942	0.3
Copper Corrosion @ 100°C/24 hrs. Max.	ASTM D 4048	Negative

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