

## **LITHOPLEX**

***SPECIAL FEATURES:***

Lithoplex series of greases are premium quality, lithium base complex greases suitable for lubricating various types of mechanical equipments. These are superior multipurpose greases, developed to meet the varied temperature requirements of ball and roller bearing lubrication. They possess outstanding oxidation & mechanical stability, water-resistant and rust protection characteristics. These grades have an exceptionally high dropping point giving them excellent resistance to leakage, dripping and throw-off at elevated operating temperatures.

***SPECIFICATIONS:***

Lithoplex 1, 2 & 3 meet IPSS: 1-09-020.

***APPLICATION AREA:***

Lithoplex grades meet the requirements of all industrial grease applications for ball and roller bearings in steel mills, paper mills, cement plants. Lithoplex has, in addition to shear stability, high load carrying capacity and is recommended for situations having extremely high temperature. These greases are suitable for applications up to 200°C. Lithoplex is also suitable for ball and roller bearings of railway axle boxes. Lithoplex 1 is suitable for applications in the lubrication of the rack and pinion joint of the kilns in the cement industry.

***PHYSIOCHEMICAL PROPERTIES:***

<b>PARAMETERS</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>COLOUR</b>	←-----GREEN-----→		
<b>WORKED PENETRATION @ 25°C</b>	310/340	265/295	230/250
<b>DROP POINT, °C, MIN.</b>	250	250	250
<b>TYPE OF SOAP</b>	←-----LITHIUM COMPLEX-----→		

***PERFORMANCE BENEFITS:***

- Excellent resistance to leakage & dripping at high temperature
- Outstanding oxidation and mechanical stability
- Works most satisfactorily even at high loads, wet and dry situations
- Good rust protection characteristics

***PACKAGES:***

182 Kg.(STEEL DRUMS).