

# **MAK LANTHAX BRIGHT EP GREASE**

## **Description**

It is premium quality lithium based grease containing extreme pressure additives. These are environment friendly products, suitable for heavy-duty roller & plain bearings, and for situations warranting a use of extreme pressure grease, particularly to those subjected to shock loads at temperatures up to about 130°C

## **Application**

This grease is recommended for all plain & roller bearings in off-highway, construction, earthmoving equipments and various other industrial applications operating under severe shock loading conditions

## **Benefits**

- Good Oxidation Stability- Gives enhanced life to the grease lubricant and minimum changing intervals
- Excellent Load Carrying abilities- this grease has good extreme pressure properties, making it suitable to protect and lubricate the machine components even under high loads
- Good Shear Stability- Provides grease with extra ability to resist early shear and work longer during harsh working conditions

## **Performance Level**

- IS 7623 : 1993 EP Type [Reaffirmed 2001]
- IPSS : 1-09-005-99

## Technical Specifications

| CHARACTERISTIC   | METHOD OF TEST | MAK LANTHAX BRIGHT EP GREASE |          |          |          |
|--|----------------|------------------------------|----------|----------|----------|
|  |                | 00                           | 0        | 1        | 2        |
| Worked Penetration at 25°C+/-0.5°C<br>( 60 double stroke ) | ASTM D 217     | 415                          | 370      | 325      | 280      |
| Drop Point, °C   | ASTM D 2265    | 140                          | 160      | 184      | 186      |
| Copper Strip corrosion @100°C for 24 hours                 | ASTM D 4048    | Negative                     | Negative | Negative | Negative |
| Oxidation Stability(100 h), drop in pressure Kg/sq cm      | ASTM D 942     | 0.44                         | 0.53     | 0.55     | 0.55     |
| Corrosion Preventive test                                  | ASTM D 1743    | 1                            | 1        | 1        | 1        |

All the mentioned values are typical which may vary from batch to batch.

## Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept vertically and should be kept away from dusty or heated areas.
- Lid should not be left open and during handling any contact with dust must be avoided
- Containers used for grease transport should be clean and exclusive

## Health & Safety

This grade is not hazardous under normal conditions of use. For further guidance Material Safety Data Sheet (MSDS) may be referred

## Advice

For any further advice on applications or otherwise, please contact the nearest Bharat Petroleum territory office or Technical Services department at the address given below

### **Bharat Petroleum Corporation Ltd.**

Product and Application Development Dept.

BPCL 'A' Installation, Sewree Fort Road, Sewree (East)

Mumbai -400015

E-mail: [MAKcustomercare2@bharatpetroleum.in](mailto:MAKcustomercare2@bharatpetroleum.in)

Tel No.: 022-24176351