

# PRODUCT DATA SHEET



## LITHIUM BASE ALL PURPOSE GREASES

### AP-2, AP3 & AP3 (RED)

These are multifunctional all-purpose lithium-based greases. These greases possess excellent shear stability, high load carrying properties & prevent welding & seizure of moving parts under shock loading conditions. These greases are recommended for industrial & automotive, earth moving equipment, gear couplings, electric motors, ball & roller bearings etc.

### PRODUCT FEATURES

- ❖ High drop point.
- ❖ Excellent thermal and structural stability.
- ❖ Optimum lubrication under even adverse mechanical conditions.
- ❖ Good surface adhesion.
- ❖ Gives excellent protection against rust, corrosion and water wash out.

### APPLICATIONS

- ❖ Plain and anti-friction bearings of cars, commercial Vehicles etc.
- ❖ Heavy duty ball and roller bearings of steel rolling mills, textile mills, papers mills, sugar mills etc.
- ❖ Universal joints and spline shafts.
- ❖ Suitable for bearings operating at temperature up to 130°C.

### PERFORMANCE LEVEL

- ❖ IS 7623 – 1993 (Reaffirmed 2006), AP2: NLGI -2 & AP3: NLGI -3 specifications.

|        |   | CHARACTERISTICS  |                  |                  |
|--------|---|------------------|------------------|------------------|
| S. NO. | PROPERTIES  | AP-2             | AP-3             | AP-3 (RED)       |
| 1.     | Appearance  | Light yellow     | Light yellow     | Red              |
| 2.     | Consistency of worked grease, @ 25±0.5°C, 0.1mm units (60 double strokes) | 265-280          | 220-250          | 220-250          |
| 3.     | Drop Point, °C, min.  | 180              | 180              | 180              |
| 4.     | Soap Type   | Lithium          | Lithium          | Lithium          |
| 5.     | Structure   | Smooth & buttery | Smooth & buttery | Smooth & buttery |

**\*The specifications are subject to variations/development/customization.**

### PACKING:

**AP-2:** 180kg, 18kg

**AP-3 & AP-3 (RED):** 180kg,18kg,10kg, 5kg, 3kg, 2kg,1kg, 500g, 200g,100g,50g