



JETEXINDIA

# JETEX BRG-400 GREASE

## Heavy Duty MoS<sub>2</sub> Grease

Technical Data Sheet

**Heavy duty, multipurpose extreme pressure grease containing MoS<sub>2</sub> solid lubricant for high temperatures**

### Benefits

- Extremely wide service temperature range of -25°C to +250°C
- Forms a solid lubricating film to provide emergency lubrication and prevents premature bearing failures caused due to lubricant starvation as a film of solid lubricants is always maintained between sliding surfaces
- Prevents metal-to-metal contact and reduces friction and wear
- Offers protection against fretting corrosion
- Highly resistant to hot or cold water and water washout
- Extends relubrication intervals and cuts down lubricant consumption
- Combination of EP additives and solid film lubricants increase the load bearing capacity and provide emergency running in and boundary lubrication
- Offers good surface protection and corrosion inhibiting properties
- Very good performance under moderate to high loads and high speeds and low speeds at reciprocating motions
- Makes sliding smoother and reduces operational noise
- Increases wear life of the equipment
- Good resistance to oxidation
- Can be dispensed via centralised lubrication systems
- Out performs conventional lubricants

### Available Packaging

- 1 kg
- 5 kg
- 20 kg

### Shelf Life

24 months from date of manufacture in sealed condition.

### Applications

- Use successfully for roller bearings, all types of anti-friction bearings, plain bearings, guides, threaded spindles, splines shafts, taper bearings, needle roller bearings, ball and socket joints, sliding and mating surfaces under vibratory or reciprocating motions, journal bearings, couplings.
- For heavy duty and long term lubrication to bearings and equipment of heavy engineering machinery, textile processing machines, compressors, exhaust fans, overhead cranes, mining and construction equipment, chassis of automotive and transportation fleet, sugar and cement plant machinery, rolling mills.
- For long lasting lubrication of cams, shafts, spring, joints, steel cables; for lubrication of small gear mechanisms exposed to severe impact loads and slow operating speeds.

### Method of Application

Apply on all clean sliding surfaces by normal greasing methods i.e. by brush, grease gun or dispense via centralised lubrication systems. Do not mix with other oils or grease.

**JETEX INDUSTRIES**

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#### Technical Properties

| Parameter                           | Value  | Unit              | Standard        |
|-------------------------------------|--|-------------------|-----------------|
| Type                                | Grease with EP/AW additives and solid lubricants |                   |                 |
| Appearance                          | Smooth grease                                    |                   |                 |
| Base oil                            | Mixture of mineral and synthetic oils            |                   |                 |
| Thickener                           | Lithium complex                                  |                   |                 |
| Color                               | Black  |                   |                 |
| Penetration, worked                 | 265-295  | mm/10             | ASTM 217        |
| NLGI Consistency                    | 2  | Class             | DIN 51 818      |
| Density, @ 25°C                     | 0.85- 0.95                                       | g/cm <sup>3</sup> |                 |
| Drop point                          | +260   | °C                | ASTM D 566      |
| Service temperatures                | -25 to +250                                      | °C                |                 |
| Water resistance, static evaluation | 0-90   |                   | DIN 51 807 pt.1 |
| Copper strip corrosion test         | 1a   |                   | ASTM D 130      |