



JETEXINDIA

JETEX BRG-500 HT GREASE

Heavy Duty MoS₂ Grease

Technical Data Sheet

Heavy duty, multipurpose extreme pressure grease containing MoS₂ solid lubricant

Features

- Extremely wide service temperature range of -20°C to +180°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, reduces friction, wear & protects 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 medium speeds under reciprocating motions
- Makes sliding smoother and reduces operational noise
- Increases wear life of the equipment & out performs conventional lubricants
- Good resistance to oxidation

Applications

- Use successfully for roller bearing, all types of anti-friction bearings, plain bearings, roller guides, threaded spindles, splined 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 textile processing & heavy engineering machinery.
- 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.

Properties

Appearance	Smooth grease	
Color	Black	
Thickener	Lithium soap	
Density, g/cc	0.85-0.95	
Penetration - worked, mm / 10	265-295	ASTM D 217
NLGI Class	2	ASTM D 1268
Drop point, ° C	+180	ASTM D 566
Service temperature range, ° C	-20 to +180	
Water resistance	1-90	DIN 51 807
Copper strip corrosion test	1a	ASTM D 130
SKF-Emcor corrosion test	0-0	IP 220

Method of Application

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

Pack Sizes

5 & 20 kg

Shelf Life

24 months from date of manufacture in sealed condition.

The information and data contained in this data sheet is accurate to the best of our knowledge or is obtained from sources believed by us to be accurate. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind and data mentioned herein is offered without warranty. This product is developed and manufactured by us for industrial use only. All data is subject to change without prior notice.

JETEX INDUSTRIES

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