



JETEXINDIA

JETEX BRG-100 GREASE

Heavy Duty MoS₂ Grease

Technical Data Sheet

Heavy duty, multipurpose extreme pressure grease containing MoS₂ solid lubricant

Product Description

- Extremely wide service temperature range of -30°C to +150°C (up to +180°C for short intervals)
- 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 and 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

Available Packaging

- 1 kg
- 5 kg
- 20 kg
- 180 kg

Shelf Life

24 months from date of manufacture in sealed condition.

Applications

- Use successfully for roller bearing, all types of anti-friction bearings, plain bearings, roller 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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www.jetexindia.com



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Technical Properties

Parameter	Value	Unit	Standard
Type	Grease with EP/AW additives and solid lubricants		
Appearance	Smooth grease		
Base oil	Mineral		
Base oil viscosity, @ 40 °C	100	mm ² /s	DIN 51 562
Thickener	Lithium		
Color ¹	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 ³	
Drop point	+185	°C	ASTM D 566
Service temperatures	-30 to +150 (+180 for short periods)	°C	
Speed-DN factor	350,000	mm/min	
SKF-Emcor corrosion test	0-0		DIN 51 802
Oil separation, standard test, 168 h, 40° C	< 4	%	DIN 51 817

1. Minor Color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.