

BRB SS Premium

Specialized Grease for Plain and Rolling Bearings for High Load Applications



YOUR BENEFITS

- Longer service life due to outstanding wear protection, especially at shock loads and oscillatory movements.
- Provides outstanding results in applications where water resistance is a critical factor.
- Extreme pressure properties to protect against wear.
- Trouble free operation due to wide service temperature range.
- Excellent protection against fretting corrosion.
- Provides good pumpability in centralized lubrication systems.
- It is free of inorganic solid lubricants like MoS₂ and Graphite.
- Does not Contain Lead or other harmful heavy metals.

APPLICATION

- For integral Hub units with double-row angular contact ball or taper rollers.
- Specially designed for rolling bearings in wind turbine applications.
- Lubrication of yaw, pitch, and main bearings either manual greased or using centralized grease systems or grease dispensers.
- Rotor, generator, and pitch bearings in wind power stations.

BRB SS Premium

Specialized Grease for Plain and Rolling Bearings for High Load Application



CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth
Colour	Visual	-	Yellow ochre
Density @ 29.5°C	CTM 69	gms/cc	0.85 ± 0.05
Thickener	-	-	Lithium Complex
Base Oil	-	-	Synthetic
Flash Point (of Base oil)	ASTM D 92	°C	>250
Base Oil Viscosity @ 40°C	ASTM D 445	cSt	130
Base Oil Viscosity @ 100°C	ASTM D 445	cSt	16
NLGI Grade	-	-	#1
Worked Penetration @ 25°C	ASTM D 217	0.1 mm	310 - 340
Dropping Point	ASTM D 2265	°C	+250
Copper Strip Corrosion test	ASTM D 4048	Rating	1a
Four Ball Weld Load	ASTM D 2596	kgs	250
Four Ball Wear Scar	ASTM D 2266	mm	< 0.5
Corrosion inhibiting properties of lubricating greases	ASTM D 6138 (SKFEMCOR), test duration: 1 week, distilled water	Rating	0 corrosion degree
FE8 wear test - Wear of roller - Cage Wear	DIN 51819-3	mg mg	3.0 28.7
Operating Temperature Range	-	°C	-40/+150

INDUSTRY:

Wind Power

PACK SIZE:

1 kg / 5 kg / 20 kg Bucket
180 kg Drum

SHELF LIFE:

24 Months

The values quoted above are typical and do not constitute a specification.

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.