

Shell RHODINA® Grease BBZ

High performance, semi-synthetic grease, for bearings subject to fretting and false brinelling.

Shell RHODINA® Grease BBZ is specifically designed for demanding outdoor applications, in particular when protection against false brinelling and fretting corrosion is required – even at very low temperatures.

Performance Features and Benefits

Shell RHODINA® Grease BBZ provides:

Protection and lubrication for a wide range of temperature and in particular has excellent low temperature behavior promoting trouble free operation even under very cold climates.

Shell RHODINA® Grease BBZ has very good water resistance properties.

This product was developed on the basis and knowledge of long time Shell experience protecting blade bearings under operation and during idling.

It minimizes the risk of bearing failures which may be caused during transportation and mounting.

The combination of selected base oils and additives can provide extended product and equipment life time.

Main Applications

Shell RHODINA® Grease BBZ is designed for lubrication of specific bearings in wind turbines (e.g. blade bearings) and other similar applications. Protection against fretting corrosion, moisture corrosion and false brinelling is provided.

Shell RHODINA® Grease BBZ can also be used in bearings operating at very low temperatures e.g. under arctic conditions.

Advice on applications not covered in this handbook may be obtained from your Shell representative.

Additional Information

It is designed for application in a temperature range from – 55°C up to 100°C.

Handling and Safety Information

For information on the safe handling, storage, or use of this product, refer to its Material Safety Data Sheet at <http://www.epc.shell.com/>. If you are a Shell Distributor, please call 1+800-332-6457 for all of your service needs. All other customers please call 1+800-237-8645 for all of your service needs.

Protect the Environment

Do not discharge into drains, soil, or water.

Typical Physical Characteristics

Shell RHODINA® Grease BBZ			1.5
Color			Brown-Orange
Soap Type			Calcium
Base Oil type			Part Synthetic
Kinematic Viscosity	@ 40 °C	cSt	13.0
	@ 100 °C	cSt	30
Cone Penetration	Worked @ 25 °C	0.1 mm	310
Dropping Point		°C	145

These characteristics are typical of current production. While future production will conform to Shell specifications, variation in these characteristics may occur.