



# Shell Rhodina Grease BBZ

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

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

## Applications

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.

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

## Performance Features

Rhodina BBZ provides protection and lubrication for a wide range of temperature and in particular has excellent low temperature behavior allowing trouble free operation even under very cold climates.

Rhodina BBZ has very good water resistance properties.

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

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

The combination of selected base oils and additives is providing extended product and equipment life time.

## Operating Temperature Range

It is designed for application in a temperature range from **- 60 °F up to 200 °F.**

## Health & Safety

Shell Rhodina Grease BBZ is unlikely to present any significant health or safety hazard

when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.

## Typical Physical Characteristics

	Rhodina BBZ
<b>Material No.</b> Cartridges	5075409
<b>NLGI Consistency</b>	1.5
<b>Color</b>	Brown-Orange
<b>Soap Type</b>	Calcium
<b>Base Oil (type)</b>	Semi-Synthetic
<b>Kinematic Viscosity</b> @ 40°C cSt 100°C cSt (ASTM D 445)	13.0 3.0
<b>Cone Penetration</b> Worked 0.1mm (ASTM D 217)	310
<b>Dropping Point °F</b> (ASTM D 566)	290

## Typical Physical Characteristics

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

## Advice

Advice on applications not shown on this leaflet may be obtained from your Shell Representative.