



# SHELL DOLIUM<sup>®</sup> GREASE BRB

For lubrication of high-speed bearings  
operating at high temperatures

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## Product Description

**Shell Dolium<sup>®</sup> Grease BRB** is a specially formulated NLGI Grade 2 grade grease consisting of a highly refined mineral oil base stock, a polyurea thickener, and special additives that provide outstanding performance characteristics. **Shell Dolium<sup>®</sup> Grease BRB** effectively resists water washout while offering excellent rust inhibition and oxidation and thermal stability for extended service life. **Shell Dolium<sup>®</sup> Grease BRB** is able to withstand long-term high operating temperatures but will allow bearings to start and run even at low ambient temperatures. It was developed to provide long service life for bearings used in equipment operating at elevated temperatures.

## Applications

- anti-friction bearings such as those found in electric motors on alternators, generators, and air-conditioning units
- high-temperature or long-life applications in industrial plants, including equipment used in or near water
- lubrication of sealed-for-life bearings
- automobiles, trucks and off-highway equipment, including starters, generators, alternators and water pumps that are subject to temperature extremes and water spray

## Features/Benefits

- promotes long bearing life
- excellent resistance to rust and corrosion
- outstanding oxidation stability
- low oil bleed
- excellent resistance to water washout
- excellent shear stability in service

<b>Typical Properties of Shell Dolium® Grease BRB</b>		
NLGI Grade		2
Product Code	Test Method	71616
Appearance		Purple, Smooth
Base Oil Viscosity:		
@ 40°C, cSt	D 445	129
@ 100°C, cSt	D 445	12.9
Penetration, dmm		
Worked 60 strokes	D 217	285
Dropping Point, °F	Mettler	450+
Mechanical Stability, % Change in Penetration after 100,000 strokes	D 217	<10
High Temperature Bearing Test		
B50, Hrs at 350°F	D 3336	435
FE-9 Bearing Test		
B50, Hrs at 150°C	DIN 51-821	191
Four-Ball Wear, mm		
1 hr/75°C/1200 rpm/40 kgf	D 2266	0.40
Oil Separation, Pressure Bleed, %	D 1742	0.42
Low Temperature Torque	D 4693	
@ -30°C, gm-cm:		
Starting Torque		15,200
Running Torque		2,700
Rust Prevention, 5% SSW	D 5969	Pass
Copper Corrosion	D 4048	1b
Water Washout, wt% loss @175°F	D 1264	2
Guide To Usable Temperature		
Min °F		-30
Continuous Service, Max, °F		350
Short Exposure, Max, °F		400

### Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.