



PRODUCT DATA SHEET



WATERPROOF GREASE

Waterproof Grease is a long lasting waterproof grease providing maximum protection against wear, rust and water washout. It repels water and acts as an excellent seal for bushings, bearings, all chassis lubrication points and other applications exposed to wet conditions and a wide temperature range. **Waterproof Grease**'s tacky texture makes it resistant to impact and wiping action – the grease stays where it's needed.

Applications

- ◆ For general bearing lubrication of bearings found on heavy-duty construction, farm and mining equipment
- ◆ King pins, shackles, ball joints, universal joints and fifth wheels on over-the-road tractors and equipment
- ◆ Use in trailer wheel bearings including boat trailers
- ◆ Snow plow caster wheels where salt and water resistance is essential

Features and Benefits

- | | |
|--|--|
| ◆ Water resistant | Provides excellent protection, resisting water washout, reducing early bearing failures. |
| ◆ Heat resistant | Excellent for hot applications. Good up to 177°C (350°F). |
| ◆ Superior rust and corrosion protection | Effectively protects bearings under the most severe conditions including exposure to salt water. |
| ◆ Multipurpose | Capacity to service plain bearings, journals and anti-friction bearings, reducing the need to inventory several greases. |
| ◆ Load carrying capability and impact resistance | Protects bearings for extended life. Prevents metal-to-metal contact under shock load conditions. |

General Description

Waterproof Grease is a high performance, general purpose grease manufactured with an aluminum complex and barium complex system. It will meet all bearing lubricant needs in marine, automotive and motorcycle applications. The superior water resistance will ensure the grease will continue to seal and protect bearings, even after repeated washing. It provides excellent anti-wear protection for sliding surfaces, resists oxidation and inhibits rust while allowing for extended lubrication intervals.

Product No. 99540

Page 1 of 2

With continual research and development, Bel-Ray Company reserves the right to change the information contained herein. The Company is not responsible for misuse or misapplication of its products.

5/14/2014

WATERPROOF GREASE

TYPICAL PROPERTIES

<u>Product No.</u>	<u>99540</u>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217, mm/10	280
Thickener Type	Aluminum and Barium Complex
Viscosity (Base Fluid), ASTM D445	
@ 40°C, cSt	170
@ 100°C, cSt	15.3
Viscosity (Base Fluid), ASTM D2161	
@ 100°F, SUS	900
@ 210°F, SUS	81.2
Dropping Point, ASTM D2265	
°C (°F)	>260 (>500)
Copper Strip Corrosion, ASTM D4048	
24 hrs @ 100°C, rating	1b
Mechanical Stability, ASTM D217	
Penetration Change after 10,000 strokes, %	5
Water Washout, ASTM D1264	
@ 79°C (175°F), loss, weight %	4.2
4-Ball EP Test, ASTM D2596	
Weld Load, kg	200
Load Wear Index, kg	30
4-Ball Wear Test, ASTM D2266	
@ 1200 rpm, 40 kg, 1 hr, 75°C	
Scar Diameter, mm	0.60
Rust Protection, ASTM D1743, rating	Pass
Useful Temperature Range	
°C	-40 to 177
(°F)	(-40 to 350)
Texture	Fibrous
Color	Green