

# TECHNICAL PRODUCT INFORMATION

## BIGFOOT EP 2 Grease

**CATEGORICALLY THE BEST HIGH TEMPERATURE /MULTI-PURPOSE/ TACKY-ADHESIVE EP GREASE FOR HEAVY DUTY, SEVERE SERVICE APPLICATIONS**

### Product Description:

**BIGFOOT GREASE** is a superior Lithium Complex Grease to provide excellent lubricating qualities over a wide range of temperatures. Designed for work under the toughest conditions in operating temperatures from 4°C to +200°C, with excellent mechanical and chemical stability. **BIGFOOT** is the grease designed to always “stay in place” under the worst operating conditions of water-dirt-mud, providing maximum protection and peace of mind.

### Typical Uses:

- Recommended for wheel bearings, including disc brake applications, fifth wheels, U-joints, steering linkage and chassis lubricant.
- The adhesive and water resistance qualities of this grease make it an ideal chassis lubricant for “off-road” trucks, construction, agricultural, logging and mining equipment.
- Also recommended for rock crushers, oil field, offshore drilling and marine deck equipment.
- Recommended for all types of bearings including plain bearings, heavily loaded journal bearings, needle bearings and couplings.

### Features:

- Outstanding wide operating temperature range grease 4°C to +200°C operating temperatures.
- Unequalled water washout resistance.
- Excellent shock load-carrying ability.
- Rust and corrosion inhibited to protect metal.
- Adhesive tacky grease that “stays in place”.
- Extreme pressure protection. +75 pounds on Timken OK Load Test.
- Dyed Fire Orange to better detect defective bearing seals.
- Grease “stays in place” – less frequent regreasing required.
- Oxidation inhibitors permit operations up to 150°C for extended periods.
- Less equipment down time.

- NOT RECOMMENDED FOR SMALL ANTI-FRICTION BEARINGS OPERATING OVER 5000 RPM.
- NOT RECOMMENDED FOR CENTRALISED DISPENSING SYSTEMS COMMONLY FOUND IN INDUSTRIAL PLANTS.
- NOTE: *Tackiness additives used to make this grease “stays in place” make it harder to pump and may require the use of a heavy follower in air operated systems.*

### Typical Properties:

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|----------------------------------|-----------------|
| Penetration @ 77°F (ASTM worked) | 280             |
| Dropping Point, °C               | 260             |
| Soap Type                        | Lithium complex |
| Colour                           | Fire Orange     |
| Appearance                       | Smooth/Tacky    |
| Timken OK Load Test lb/kg        | +75/34          |
| Base Oil Viscosity               |                 |
| cSt @ 40°C                       | 220             |
| cSt @ 100°C                      | 16.0            |
| Four Ball Wear, mm               | < 0.6           |
| Load Wear Index                  | > 30            |
| Weld Point, Kg                   | > 200kg         |
| Wheel Bearing Leakage, g         | < 10            |
| Water Washout, Wt%               | < 5.6           |

Values shown here are typical and may vary