



## **Royal High Temp Wheel Bearing Grease**

### ***Hi Temp Wheel Bearing Grease***

**Royal High Temperature Wheel Bearing Grease** is a lithium complex grease that is smooth, adhesive, slightly stringy and amber in color. It has been formulated for operations from a 0 °F to 350 °F, but with a dropping point of + 500 degrees Fahrenheit. This grease is designed for better adherence to wheel bearings in trucking and off-highway.

#### **Product Features:**

- Great mechanical stability
- Oxidation and corrosion resistance
- Extreme pressure protection
- Excellent temperature stability
- Water resistance
- Excellent low temperature pumpability and high temperature protection
- Effectively resists washout and excessive dilution water, assuring all-weather lubrication

#### **Customer Benefits:**

- Resists thinning or hardening in bearings, thereby minimizing leakage and extending long life service
- High level additive treatment package minimizes chemical deterioration over extended periods of storage and service
- Protects steel and copper alloy bearings against rust and corrosion
- The EP additives provide effective wear protection for ball joints, drive shafts and other parts subjected to high pressure and shock loading
- Fully refined lube stocks and additives
- Excellent anti-friction properties

#### **Applications:**

- Recommended for extended service in heavy-duty automotive, trucks, buses, farm tractors, construction equipment, high temp wheel bearings (Disc Brakes), roller & ball bearings, electric motor bearings, throw-out bearings, universal joints, chassis, fifth wheel, etc. This grease can also be applied in wide range of other industrial applications.



## Typical Properties

### Hi-Temp Wheel Bearing Grease

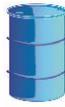
Product Number	910 EA	Test Method
Color	Amber	Visual
Texture	Smooth, Tacky	Visual
Thickener	Lithium Complex	-
NLGI Grade	2	ASTM D 217
Worked Penetration	280	ASTM D-217
Drop Point, °F	500 min.	ASTM D 2265
Viscosity @ 40°C, cSt	144	
Viscosity @ 100°C, cSt	11	
Viscosity @ 100°F, SUS	775	ASTM D445
Viscosity @ 210°F, SUS	65	
Water washout @ 175°F, %	5.0 Max.	ASTM D 1264
Weld load, kg & LWI	315/50	ASTM D 2596
Timken OK load , Lbs.	50	ASTM D 2509
Rust Test	Pass	ASTM D 1743

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

**Health and Safety:** This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. [www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671. **Packaging options:**



15 oz. Tubes



400 Lb. Drums



2,000 Lb.  
Disposable Totes



50,000 Lb. Bulk