

PRODUCT DATA SHEET

Royal High Temp Wheel Bearing Grease

Lithium Complex Grease



PRODUCT DESCRIPTION:

Royal High Temperature Wheel Bearing Grease is a lithium complex formulated for operations down to 0 degrees Fahrenheit, with a dropping point of 525 degrees Fahrenheit. This grease is smooth, adhesive, slightly stringy and amber in color.

KEY FEATURES:

- Mechanical stability
- Oxidation and corrosion resistance
- Extreme pressure protection
- 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:

Royal High Temperature Wheel Bearing Grease is 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.

Meets NLGI Service Classification GC-LB for chassis and wheel bearing greases as outlined in ASTM D 4950.

PACKAGING:

Drums, Cases and Tubs

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Typical Properties

Royal High Temperature Wheel Bearing Grease		
Product Number	910E	Test Method
Viscosity@40°C, cSt	144	ASTM D445
Viscosity@100°C, cSt	11	ASTM D445
Viscosity@100°F, SUS	775	ASTM D445
Viscosity@210°F, SUS	65	ASTM D445
Soap Type	Lithium Complex	
Soap, %	10 -12	
Drop Point, °F	525	ASTM D2265
Timken OK, lbs	60	
4Ball EP Weld & LWI	315/50	
Texture	Smooth and Tacky	
Color Visual	Amber	

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.