



CHAMPION HI-TEMP

DISC BRAKE WHEEL BEARING GREASE

Meets requirements for NLGI GC-LB specification

Champion Hi-Temp Disc Brake Wheel Bearing Grease is a lithium complex grease that is smooth, adhesive, slightly stringy and blue 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
- Extreme pressure protection
- Water resistance
- Effectively resists washout
- Oxidation and corrosion resistance
- Excellent temperature stability
- Excellent low temperature pumpability and high temperature protection
- Resists 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.



4149

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Typical Properties

Champion Hi Temp Disc Brake Wheel Bearing Grease

Product Number	4149I	Test Method
Color	Blue	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	ASTM D445
Viscosity @ 100°F, SUS	775	
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.championbrands.com.

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CHAMPION BRANDS, L.L.C. › 1001 GOLDEN DRIVE › CLINTON, MO 64735
ORDER DESK 800-821-5693