



MULTI-PURPOSE GREASE & WHEEL BEARING LUBRICANT

PRODUCT DESCRIPTION

QUAKER STATE[®] MULTI-PURPOSE GREASE AND WHEEL BEARING LUBRICANT is a high temperature, NLGI Grade 2, lithium complex grease which contains high quality petroleum base oils. The primary application for it is in high temperature operations such as wheel bearings on vehicles equipped with conventional, disc and antilock braking systems. These high temperature applications demand the use of QUAKER STATE[®] MULTI-PURPOSE GREASE AND WHEEL BEARING LUBRICANT to resist melting of the grease and the resulting leakage from the bearings. It may be used at continuous operating temperatures up to 325°F. Special additives in QUAKER STATE[®] MULTI-PURPOSE GREASE AND WHEEL BEARING LUBRICANT prevent rust and corrosion, reduce wear, and provide extreme pressure protection. It has excellent resistance to softening or hardening in service, resists water washout, and flows readily at cold temperatures.

APPLICATION

QUAKER STATE[®] MULTI-PURPOSE GREASE AND WHEEL BEARING LUBRICANT exceeds the requirements of the NLGI GC-LB specification, which is the highest performance rating available. This means that it is satisfactory for use as both a severe duty chassis and wheel bearing lubricant, resisting oxidation, evaporation and consistency degradation while protecting the components from corrosion and wear.

QUAKER STATE[®] MULTI-PURPOSE GREASE AND WHEEL BEARING LUBRICANT is a true multi-purpose grease for all automotive applications - ball joints, chassis, and U-joints. This product is also recommended for wheel bearings on boat trailers.

For best results, always clean wheel bearings thoroughly before repacking with any wheel bearing lubricant, including QUAKER STATE[®] MULTI-PURPOSE GREASE AND WHEEL BEARING LUBRICANT.

BENEFITS

- Outstanding high temperature wheel bearing performance
- Excellent extreme pressure and anti-wear performance
- Resists wheel bearing leakage at high temperatures
- High dropping point
- Highly water resistant
- Excellent cold temperature flow properties

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
QUAKER STATE® MULTI-PURPOSE GREASE
& WHEEL BEARING LUBRICANT**

TEST	METHOD	TYPICAL RESULTS
NLGI Grade		2
NLGI Service Classification		GC-LB
Thickener Type		Lithium Complex
Color		Amber
Texture		Adhesive, Smooth
Penetration @ 77°F		
Worked, 60 strokes	ASTM D 217	280
Dropping Point, °F(°C)	ASTM D 2265	500 (260)
Timken EP Test, OK Load, lbs	ASTM D 2509	45
Four Ball Extreme Pressure Test	ASTM D 2596	
Weld Load, kgf		315
Load Wear Index		50
Four Ball Wear Test, scar diameter, mm	ASTM D 2266	0.45
Wheel Bearing Life Test, hours of life, Min.	ASTM D 3527	120
Low Temperature Torque, N-m @ -40°C	ASTM D 4693	10.2
Water Washout Test, % wt. loss @ 175°F	ASTM D 1264	4.3
Oxidation Stability, 100 hr. psi loss @ 210°F	ASTM D 942	5
Rust Prevention	ASTM D 1743	Pass
Wheel Bearing Leakage, gm	ASTM D 4290	1.1
Base Oil Properties		
Viscosity:		
@ 40°C, cSt	ASTM D 445	167
@ 100°C, cSt	ASTM D 445	13.0
Material Numbers		
10/14 Ounce Cartridge		50221
12/1 Pound Container		50229
120 Pound Drum		50226