



Autoguard[®] High Temp Lithium Complex Grease

Autoguard High Temperature Lithium Complex Grease is a premium quality, lithium complex multi-purpose grease. The primary application is in high temperature operations such as wheel bearings on vehicles equipped with conventional, disc and antilock braking systems. This grease will protect wheel bearings on cars, trucks, buses, vans and farm equipment with disc brakes, even under heavy loads and shock loading.

Autoguard High Temperature Lithium Complex Grease eliminates the need to inventory other greases, as it may be used in wheel bearings, ball joints, U-joints, chassis, fifth wheels, king pins, as well as industrial bearings, couplings and gears.

Autoguard High Temperature Lithium Complex Grease exceeds the requirements of the NLGI GC-LB specification, which is the highest performance rating available.

Benefits

- Premium quality lithium complex multi-purpose grease
- Fully additive treated: EP/antiwear, rust and oxidation inhibited
- Water insoluble and water washout resistant
- An exceptionally versatile multi-purpose grease
- Excellent wheel bearing and chassis performance
- Outstanding protection to lubricate a wide variety of severe duty automotive, trucking, industrial, mining and construction equipment



Warren Oil Company, Inc

Dunn, NC 28334: Benton, AL 36758: San Antonio, TX 78210:
Marion, IL 62959: Johnstown, PA 15909: West Memphis, AR 72301



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Typical Characteristics:

Autoguard High Temp Lithium Complex

NLGI Consistency Number	2
Thickener	Lithium Complex
Texture	Smooth
Color, Observed	Red
Worked 60 Penetration, D-217	265 - 295
Dropping Point, D-566, °F. (°C.)	500 (260)
Wheel Bearing Leakage, D-4290, g loss	1.4
Timken EP Test, OK Load, lbs	45
Water Washout, D-1264, % loss	4.1 @ 175°F
Rust Prevention, D-1743, rating	Pass
Copper Corrosion, D4048, rating	Pass
Oil Separation, D-1742, % loss	1.2
Four-Ball Wear, D2266, mm	0.54
Four-Ball EP Weld Point, D-2596, kgf	315
Four-Ball Load Wear Index, D-2596, kgf	50
High Temperature Life, D-3527, hrs	100
Low Temperature Torque, D-4693, N-m	13.0
Fretting Wear, D-4170, mg	7.8
Approximate Temperature Range, °F. (°C.)	-10 to 325 (-23 to 163)
Characteristics of Base Oil	
Viscosity @ 100°C, cSt	15.7
Viscosity @ 40°C, cSt	214
Viscosity Index	67
Pour Point, °F. (°C.)	+5 (-15)
Flash Point, °F. (°C.)	425 (218) Min.



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