

High Temperature Bearing Lubricant

Product Description

Never-Seez® High Temperature Bearing Lubricant is an exclusive combination of a specially formulated high temperature grease and lubricating enhancers that provides long lasting lubrication at temperatures between 500°F to 1000°F (260°C to 538°C).

High Temperature Bearing Lubricant is recommended for ball and roller bearings, bushings, open and sealed bearings.

Product Benefits

- Excellent lubrication between 500°F to 1000°F (260°C to 538°C)
- Has no "dropping point" (will not melt)
- Good extreme pressure characteristics
- Contains no metallic particles

Product Applications

- Process oven bearings
- Heat treat ovens and furnaces
- Kiln ovens and casters
- Oven damper controls
- High temperature exhaust fans

Limitations

- Never-Seez® High Temperature Bearing Lubricant does oxidize at temperatures above 500°F (260°C). However, solid lubricant additives will continue to provide protection after grease burns off.
- Not suitable for automated delivery systems as clogging may occur
- Visual and auditory inspection is recommended to determine frequency of application
- Not compatible with traditional greases—purge or clean old grease thoroughly from system
- Speed factor (n x dm) less than 150,000

Other Anti-Seize Lubricants

- Regular Grade
- Pure Nickel Special
- Nuclear Grade, Nickel Special
- High Temp Stainless
- High Temp Stainless, Nuclear Certified
- Blue Moly Lubricant
- Black Moly Lubricant
- Red Bearing Lubricant
- White Food Grade with PTFE
- Pipe Compound with Teflon®
- Mariner's Choice
- Heavy Metal Free
- PetroChem Grade



Technical Specifications

Color	Black	
Temperature Range, °F (°C)	15°F to 1000°F (-9°C to 538°C)	
Thickener Type	Clay	
Particle Size, mil (microns)	1.50 maximum (38 μ)	
Density (g/cm3)	0.90 to 0.94	
		ASTM Test Method
Flash Point, °F (°C)	>450°F (>232°C)	D-92
Copper Corrosion Test @ 212°F (100°C), 24 hrs.	No corrosion	D-130
Worked Penetration; 60 strokes @ 77°F (25°C)	265-320	D-217
NLGI Grade	1/2	D-217
Dropping Point, °F (°C)	Non-dropping	D-566
Water Washout, %		
	@100°F (40°C)	<1.0 D-1264
	@175°F (80°C)	<3.0
Coefficient of Friction @ 167°F (75°C), 4 ball	0.070	D-2266
Four Ball EP Load Wear Index	24.8	D-2596
	Last Non-seizure Load (scar)	63 kgf (0.39 mm)
	Last Seizure Load (scar)	126 kgf (2.60 mm)
	Weld Load	160 kgf

Ingredients: Special high temperature grease and graphite.

Shelf Life: Never-Seez® High Temperature Bearing Lubricant does not deteriorate with age when stored unopened at temperatures below 120°F (49°C). Quality and performance are guaranteed for two years from the date of manufacture on unopened containers.

Use in accordance with Material Safety Data Sheet.

Ordering Information:

NEVER-SEEZ® HIGH TEMPERATURE BEARING LUBRICANT

STOCK NUMBER	DESCRIPTION	SIZE
NHTC-14	Cartridge	14 oz.
NHT-35B	Pail	35 lbs.
NHT-120B	Drum	115 lbs.
NHT-390B	Drum	390 lbs.

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