



NEVER-SEEZ®

HIGH TEMPERATURE STAINLESS

KEY FEATURES

- Protects parts up to 2200°F
- Protects against seizure, corrosion, rust and galling
- Contains no copper or aluminum

DESCRIPTION

Never-Seez® High Temperature Stainless is a superior, high temperature anti-seize and extreme pressure lubricant which protects up to 2200°F (1204°C). It contains fine metallic and graphite particles suspended in a specially formulated grease.

Recommended when applications prohibit the presence of nickel, especially when resistance to corrosive acidic and caustic solutions is required.

BENEFITS

- Excellent resistance to corrosion
- Prevents seizure at high temperatures
- Resists galvanic action between dissimilar metals
- Speeds disassembly
- Prevents galling
- Resists alkaline solutions, chemical and acid vapors, road salt, steam, salt water and iodized water

APPLICATIONS

- Fasteners in steel mills and power plants
- Stainless steel pipe fittings, flanges, pump fittings and unions
- Fasteners in exhaust manifolds
- Reactor bolts
- Turbine bolts
- Gauges and fittings

LIMITATIONS

- Never-Seez® White Food Grade is not recommended for high speed bearings.
- Not recommended for use in pure oxygen and/or oxygen rich systems.
- In applications where indirect food contact is possible, use NFS H1 certified Never-Seez® White Food Grade with PTFE.



TECHNICAL SPECIFICATIONS

Color	Silver Gray	
Temperature Range, °F (°C)	-297°F to 2200°F (-183°C to 1204°C)	
Thickener Type	Lithium Soap	
Particle Size, mil (microns)	2 maximum (50 µ)	
Density (g/cm ³)	1.15 to 1.24	
		ASTM Test Method
Flash Point, °F (°C)	>485°F (>250°C)	D-92
Copper Corrosion Test @ 212°F (100°C), 24 hrs.	No corrosion	D-130
Worked Penetration, 60 strokes @ 77°F (25°C)	260-310	D-217
NLGI Grade	1/2	D-217
Dropping Point, °F (°C)	>360°F (182°C)	D-566
Water Washout, % loss @ 100°F (40 °C) @ 175°F (80 °C)	<2.0% <5.0%	D-1264
Coefficient of Friction @ 167°F (75°C), 4 ball	0.092	D-2266
Torque Coefficient, k factor	.16	
Four Ball EP	Load Wear Index	55.6
	Last Non-seizure Load (scar)	50 kgf
	Last Seizure Load (scar)	50 kgf (0.40 mm)
	Weld Load	400 kgf (2.59 mm)
		D-2596

INGREDIENTS

A special, high quality grease containing graphite, stainless and other additives.

SHELF LIFE

Never-Seez® High Temperature Stainless compound does not deteriorate with age when stored unopened at temperatures below 120°F (49°C). Quality and performance are guaranteed for five years from the date of manufacture, under normal usage and storage.

HOW NEVER-SEEZ® HIGH TEMPERATURE STAINLESS AFFECTS TORQUE

Compared to unlubricated fasteners, the use of Never-Seez® High Temperature Stainless can be viewed 2 ways:

- 1) It provides up to 16% MORE clamping force when applying the SAME amount of torque!
- 2) It provides the SAME clamping force when applying up to 14% LESS torque!

IMPORTANT!

- In order to best represent typical torque reduction values, Bostik references a “K-Factor” for unlubricated carbon steel fasteners of 0.185.
- Proper torque is critical and, if not clearly understood, users may over-torque their fasteners which may lead to costly damage.

Use in accordance with Safety Data Sheet.

LIMITED WARRANTY

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ORDERING INFORMATION

NEVER-SEEZ® High Temperature Stainless

Stock Number	Description	Size	Item #
NSSBT-8	Brush Top	8 oz.	BNSS8BTC12
NSSBT-16	Brush Top	1 lb.	BNSS1-BTC12

BOSTIK HOTLINE

Smart help
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