

Pure Nickel Special

Product Description

Never-Seez® Pure Nickel Special is a superior, high temperature anti-seize and extreme pressure lubricant containing flake particles of pure nickel, graphite and other additives in a special grease carrier found to enhance anti-seize performance.

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

Product Benefits

- Excellent heat dispersing qualities
- Minimizes corrosion
- Prevents seizure at high temperatures
- Resists galvanic action between dissimilar metals
- Enables fast disassembly-even after high temperature exposure
- Prevents galling on steel to stainless steel, titanium, magnesium and other hard metals
- Resists alkaline solutions, most chemical and acid vapors, road salt, steam, salt water, ionized water

Product Applications

- Fittings, fasteners exposed to high temperatures in steel mills, power plants, nuclear plants
- Stainless steel pipe fittings, flanges, pump fittings
- Fasteners in exhaust manifolds and boilers
- Steam generators
- Assembly of dissimilar metals

Limitations

- Never-Seez® Pure Nickel Special is not recommended for high speed bearing applications. Never-Seez® Red Bearing Lubricant is suggested for these applications.
- In applications where indirect food contact is possible, use USDA approved Never-Seez® White Food Grade.

Other Anti-Seize Lubricants

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



Technical Specifications

Color	Silver	
Temperature Range, °F (°C)	-297°F to 2400°F (-183°C to 1316°C)	
Thickener Type	Lithium Soap	
Particle Size, mil (microns)	2 maximum (50 μ)	
Density, (g/cm ³)	1.24 - 1.3	
		ASTM Test Method
Flash Point, °F (°C)	>475°F (>246°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	<2	D-1264
	@ 175°F	<5
Coefficient of Friction @ 167°F (75°C), Four Ball	0.092	D-2266
Torque Coefficient, k factor	0.158	
Four Ball EP Load Wear Index	68	D-2596
	Last Non-seizure Load (scar)	79 kgf (0.59 mm)
	Last Seizure Load (scar)	250 kgf (1.46 mm)
	Weld Load	315 kgf
Electrical Properties		D-150
	Cycles	Dissipation Factor
	1,000	0.0227
	10,000	0.0347
		Dielectric Constant
		10.56
		10.26

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Specifications: MIL-A-907; Ford ESE-M12A4-A; Ford WSD-M13P8-A1; Boeing BAC 5008 Type 7-3; U.T. Pratt & Whitney PWA 36053-1; G.E. Engine A50-TF198 Class A; G.E. D6Y28; Garrett Engine PCS5721.

Ingredients: A special, high-quality grease with graphite, pure nickel and other additives. Contains no molybdenum disulfide, lead, or mercury except as trace elements.

Shelf Life: Never-Seez® Pure Nickel Special 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 on unopened containers.

How Never-Seez Pure Nickel Special Affects Torque:

Compared to unlubricated fasteners, the use of Never-Seez Pure Nickel Special can be viewed 2 ways:

- (1) It provides up to 15% MORE clamping force when applying the SAME amount of torque!
- (2) It provides the SAME clamping force when applying up to 15% 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. BOSTIK is not liable for any damages incurred. Refer to the Bostik standard warranty for details.

Use in accordance with Material Safety Data Sheet.

Ordering Information:

NEVER-SEEZ® PURE NICKEL SPECIAL

STOCK NUMBER	DESCRIPTION	SIZE
NSN-165	Flat Top	1 lb.
NSN-8	Flat Top	8 lb.
NSBT-8N	Brush Top	8 oz.
NSBT-16N	Brush Top	1 lb.
NSN-42B	Pail	42 lbs.
NSN-130B	Drum	130 lbs.
NSN-425B	Drum	425 lbs.

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