

Regular Grade

Anti-Seize & Lubricating Compound

Product Description

Never-Seez® Regular Grade is a superior, anti-seize and extreme pressure lubricant formulated to protect metal parts against rust, corrosion and seizure. Copper and graphite particles in a special grease protect parts even in high heat, high pressure and corrosive environments.

Product Benefits

- Keeps parts working longer with less wear
- Minimizes parts replacement costs
- Enables faster disassembly when repairs are needed (even after exposure to high temperatures)
- Protects against carbon fusion
- Resists alkaline solutions, most chemical and acid vapors, road salt, steam, salt water, iodized water
- Prevents galling on steel to stainless steel, titanium, magnesium, and other hard metals

Product Applications

- Nuts, bolts, screws
- Pipe fittings
- Boom guides
- Valve assemblies
- Pump mountings
- Chain drives
- Machinery
- Shafts
- Gaskets
- Press fit assemblies
- Taps and drills
- Packing glands
- Metal fittings

Limitations

- Never-Seez® Regular Grade is not recommended for high speed bearings. Never-Seez® Red Bearing Lubricant is suggested for these applications.
- For temperature resistance to 2400°F (1316°C), use Never-Seez® Pure Nickel Special.
- For applications where the presence of copper is prohibited, use Never-Seez® Nickel Grade, Nuclear Grade or Never-Seez® Blue Moly.

Other Anti-Seize Lubricants

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



Technical Specifications

Color	Silver Gray		
Temperature Range, °F (°C)	-297°F to 1800°F (-183°C to 982°C)		
Thickener Type	Lithium Soap		
Particle Size, mil (microns)	2 maximum (50 µ)		
Density (g/cm3)	1.15-1.24		
		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	0.30	D-1264	
	@ 175°F		2.10
Coefficient of Friction @ 167°F (75°C), Four Ball	0.06	D-2266	
Torque Coefficient, k factor	0.13		
Four Ball EP	Load Wear Index	81	D-2596
	Last Non-seizure Load (scar)	63 kgf (0.41 mm)	
	Last Seizure Load (scar)	400 kgf (1.87 mm)	
	Weld Load	500 kgf	

Electrical Properties

	Dissipation Factor	Dielectric Constant	Resistivity OHMS-cm	Conductivity Mhos/cm
Cycles				
1,000	0.0255	14.6	4.2 x 10 ⁹	4.32 x 10 ⁻⁹
10,000	0.0310	13.4	3.5 x 10 ⁹	3.77 x 10 ⁻¹⁰

Ingredients: Contains a special, high-quality grease with graphite, copper flake, aluminum powder and zinc oxide.

Shelf Life: Never-Seez® Regular Grade 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 Regular Grade Affects Torque:

Compared to unlubricated fasteners, the use of Never-Seez “Regular-Grade” can be viewed 2 ways:

- (1) It provides up to 30% MORE clamping force when applying the SAME amount of torque!
- (2) It provides the SAME clamping force when applying up to 30% 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® REGULAR GRADE ANTI-SEIZE AND LUBRICATING COMPOUND

STOCK NUMBER	DESCRIPTION	SIZE
NS-160	Flat Top	1 lb.
NS-168	Flat Top	8 lbs.
NSA-16	Aerosol Spray	16 oz.
NSBT-4	Brush Top	1/4 lb.
NSBT-8	Brush Top	8 oz.
NSBT-16	Brush Top	1 lb.
NSC-1	Cartridge	1 lb.
NS-10	Tube	1 oz.
NSB-4	Tube	1/4 lb.
NS-42B	Pail	42 lbs.
NS-130B	Drum	130 lbs.
NS-425B	Drum	425 lbs.

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