



NEVER-SEEZ®

REGULAR GRADE

KEY FEATURES

- Copper formula protects in extreme heat up to 1800°F
- Protects against corrosion, rusting, pitting, seizure and galling
- Meets GE EMPIS D6Y28A1 Specification

DESCRIPTION

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

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

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.
- 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® Pure Nickel Special,



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 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 @ 175°F	0.30 2.10	D-1264
Coefficient of Friction @ 167°F (75°C), Four Bal	0.06	D-2266
Torque Coefficient, k factor	0.13	
Four Ball EP	Load Wear Index	D-2596
	Last Non-seizure Load (scar)	
	Last Seizure Load (scar)	
	Weld Load	
	81	D-2596
	63 kgf (0.41 mm)	
	400 kgf (1.87 mm)	
	500 kgf	

Never-Seez® High Temperature Stainless, Never-Seez® Blue Moly or Never-Seez® Mariner's Choice.

- Not recommended for use in pure oxygen and/or oxygen rich systems.

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, under normal usage and storage.

HOW NEVER-SEEZ REGULAR GRADE AFFECTS TORQUE

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

- It provides the SAME clamping force when applying up to 30% LESS torque!
- It provides up to 42% MORE clamping force when applying the SAME amount of 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.

ELECTRICAL PROPERTIES				ASTM D-150
Cycles	Dissipation Factor	Dielectric Constant	Resistivity OHMS-cm	Conductivity Mhos/cm
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

Specifications: Meets MIL-A-907; Ford Spec. #ESE-M12A4-A; G.E. D6Y28A1-S6; Garrett PCS5724; U.T. Pratt & Whitney PWA 36053-2.

LIMITED WARRANTY

Limited Warranty found at www.bostik.com/us or call 800-726-7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

ORDERING INFORMATION

NEVER-SEEZ® REGULAR GRADE ANTI-SEIZE AND LUBRICATING COMPOUND

Stock Number	Description	Size	Item #
NS-160	Flat Top	1 lb.	BNRG1-FTC12
NS-168	Flat Top	8 lbs.	BNRG8-FTC4
NSA-16	Aerosol Spray	16 oz.	BNRG12AC12
NSBT-8	Brush Top	8 oz.	BNRG8BTC12
NSBT-16	Brush Top	1 lb.	BNRG1-BTC12
NSC-1	Cartridge	1 lb.	BNRG1-CTGC12
NSB-4	Tube	1/4 lb.	BNRG4TC24
NS-42B	Pail	42 lbs.	BNRG42PS1
NS-130B	Drum	130 lbs.	BNRG130K1
NS-425B	Drum	425 lbs.	BNRG425D1

BOSTIK HOTLINE

Smart help
1-800-726-7845

Bostik, Inc.
11320 W Watertown Plank Road
Wauwatosa, WI 53226
www.bostik.com/us

N20-02.22.17

