

### Product Description

Never-Seez® Mariner's Choice is a heavy duty anti-seize and extreme pressure lubricant formulated to assure absolute parts protection against seizure, galling and corrosion in fresh and salt water environments.

Mariner's Choice offers unparalleled resistance to water washout and the best protection in continuous high moisture environments both above and below water lines.

### Product Benefits

- Prevents seizure at temperatures up to 2,450°F (1,343°C)
- Prevents galvanic corrosion in salt and fresh water environments
- Superior resistance to water washout and water spray
- Excellent extreme pressure lubricating properties
- Low torque factor
- Compatible with soft metals
- Contains no copper

### Product Applications

- Bilge pumps, screw shafts, prop shaft bearing housing, winches, cables, anchor lines, porthole studs, rigging and hoist cables
- Also, recommended for steel mills, suspension bridges, wind turbines, offshore rigging and other applications exposed to harsh salt water and fresh water conditions.

### Limitations

- Not recommended for use in pure oxygen and/or oxygen rich systems.
- Not recommended for use in acidic environments. (Never-Seez High Temperature Stainless or Never-Seez Pure Nickel Special is suggested for these applications.)
- Never-Seez Mariner's Choice 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 NSF H1 approved Never-Seez White Food Grade.

### Directions

Apply liberally to all threaded areas of nuts and bolts. Before reapplication, clean threaded areas with a wire brush or mineral oil.

### Other Anti-Seize Lubricants

- Regular Grade
- High Temp 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
- Pure Nickel Special
- Heavy Metal Free

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# Mariner's Choice



### Technical Specifications

Color	Black-Gray	
Temperature Range, °F (°C)	-297°F to 2,450°F (-183°C to 1,343°C)	
Thickener Type	Calcium Complex	
Particle Size, mil (microns)	3.5 maximum (75 µ)	
Density (g/cm³)	1.31 to 1.39	
	ASTM Test Method	
Flash Point, °F (°C)	>475°F (246°C)	D-92
Salt Fog Test, hrs.	4,000	B-117
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)	572 (300)	D-566
Torque Coefficient, k factor	0.11	
Water Washout, % loss @ 100°F	<1.00	D-1264
@ 175°F	<2.75	
Bearing Rust Test	Pass	D-1743
Four Ball EP	Load Wear Index	127.3 D-2596
	Last Non-Seizure Load (scar)	100 kgf (0.45 mm)
	Last Seizure Load (scar)	620 kgf (2.21 mm)
	Weld Load	800 kgf
Fretting Wear @ 73°F (23°C), 22 hrs., mg loss	7.15	D-4170

Specifications: Tested to MIL-A-907E.

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**Ingredients:** Proprietary Ingredients: Graphite (7782-42-5); Calcium fluoride (CaF<sub>2</sub>) (7789-75-5); Zinc Oxide (1314-13-2); Aluminum (7429-90-5).  
California Proposition 65: Alpha-Naphthylamine, beta-Naphthylamine

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**Shelf Life:** Never-Seez Mariner's Choice 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.

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**How Never-Seez Mariner's Choice Affects Torque:**

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Compared to unlubricated fasteners, the use of Never-Seez Mariner's Choice can be viewed 2 ways:

- (1) It provides up to 41% MORE clamping force when applying the SAME amount of torque!
- (2) It provides the SAME clamping force when applying up to 41% 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.**

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**Ordering Information:**

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NEVER-SEEZ® MARINER'S CHOICE

STOCK NUMBER	DESCRIPTION	SIZE
NMCBT-8	Brush Top	8 oz.
NMCBT-16	Brush Top	16 oz.
NMC-42B	Pail	42 lb.
NMC-425B	Drum	425 lb.

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