

Blue Moly

Product Description

Never-Seez® Blue Moly is a superior lubricating and anti-seize compound formulated to provide maximum parts protection in a wide range of applications. The exclusive combination of molybdenum disulfide and pure nickel powder suspended in a premium-grade grease provides both excellent lubricity and extreme pressure resistance.

Blue Moly is especially recommended for those applications in which graphite, lead, and copper are prohibited or undesirable. The addition of special corrosion inhibitors allows Blue Moly to be used in harsh environments.

Product Benefits

- Excellent protection against extreme pressure
- Excellent temperature protection, up to 1500°F
- Unique blue color allows for easy visual inspection
- Contains no graphite, lead or copper, therefore Blue Moly can be used in applications where these are undesirable or prohibited

Product Applications

- Metal fittings
- Aircraft components
- Valves
- Stainless steel fasteners and slow moving parts
- Automotive engine bolts and body fasteners
- Stainless steel flange and pump bolts
- Chemical processing machinery
- Gasket dressing
- Assembly of dissimilar metals

Limitations

- Never-Seez® Blue Moly 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.

Other Anti-Seize Lubricants

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

® Teflon is a Registered Trademark of Dupont.



Technical Specifications

Color	Blue	
Temperature Range, °F (°C)	-150°F to 1500°F (-101°C to 815°C)	
Thickener Type	Lithium Soap	
Particle Size, mil (microns)	2.0 maximum (50 µ)	
Density (g/cm³)	1.17 to 1.23	
		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	0.0824	D-2266
Torque Coefficient, k factor	0.15	
Four Ball EP	Load Wear Index	53.2
	Last Non-seizure Load (scar)	63 kgf (0.38 mm)
	Last Seizure Load (scar)	250 kgf (2.10 mm)
	Weld Load	315 kgf
Fretting Wear @ 73°F (23°C), 22 hrs.	6.2	D-4170

Ingredients: Contains a special, high-quality grease with pure nickel powder, molybdenum sulfide and aluminum.

Shelf Life: Never-Seez® Blue Moly 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 Blue Moly Affects Torque:

Compared to unlubricated fasteners, the use of Never-Seez Blue Moly can be viewed 2 ways:

- (1) It provides up to 19% MORE clamping force when applying the SAME amount of torque!
- (2) It provides the SAME clamping force when applying up to 19% 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® BLUE MOLY

STOCK NUMBER	DESCRIPTION	SIZE
NBBT-8	Brush Top	8 oz.
NBBT-16	Brush Top	1 lb.
NB-160	Flat Top	1 lb.
NB-42B	Pail	42 lb.
NB-425B	Drum	425lbs.

Bostik, Inc.
211 Boston Street
Middleton, MA 01949 USA
Customer Service or Technical
Service: 1-800-7/BOSTIK
FAX: 978-750-7293
<http://www.bostik-us.com>

IMPORTANT NOTICE

All statements, technical information and recommendations set forth herein are based on tests which Bostik, Inc. believes to be reliable. However, Bostik, Inc. does not guarantee their accuracy or completeness. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. Any sales of this product shall be on terms and conditions set forth on Bostik's order acknowledgment. Bostik, Inc. warrants that the product conforms with Bostik's written specifications, and is free from defects. BOSTIK, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE FOR THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. IN NO CASE WILL BOSTIK, INC. BE LIABLE FOR DIRECT, CONSEQUENTIAL ECONOMIC OR OTHER DAMAGES.