



Protection in Extreme Environments

Anti-Seize Lubricants



Excellence is our Passion

LOCTITE® ANTI-SEIZE LUBRICANTS

Premium quality products, developed to protect metal parts from rust, corrosion, galling and seizing. Formulas available in traditional brush-top bottles, neat and clean semi-solid sticks and NEW easy-to-use brush top tubes, fulfilling nearly every need in the industry.

- Ease assembly and disassembly of slip-fit and threaded joints
- Reduces friction and wear on critical operating equipment
- Formulated for severe environments
- Protects under high temperatures, heavy loads, chemicals and fluids

Henkel also offers a wide variety of penetrants, greases and oils for lasting, general-purpose lubrication or specific applications.



LOCTITE METAL-FREE FORMULATIONS

A growing concern for all types of industries is the dispersal of “heavy” metals like lead, nickel, zinc and others into the environment.

- Metal-free formulations offer the same performance as traditional products
- Nine metal-free formulas including Marine and Food Grade



NEW!

LOCTITE ANTI-SEIZE BRUSH-TOP APPLICATOR










The latest package innovation from LOCTITE is the Anti-Seize Brush Top tube. This new package offers:

- Quick and easy one hand application
- Compact, portable size
- Available in four formulas: Copper, Silver, Heavy Duty and Marine Grade















LOCTITE Copper-Based and Silver Grade Anti-Seize lubricants now qualified under MIL-PRF-907F.

ANTI-SEIZE SELECTOR CHART

PRODUCT	GENERAL CHARACTERISTICS	SPECIAL FEATURES	INDUSTRIES/APPLICATIONS
General-Purpose			
LOCTITE LB 8008™ COPPER-BASED ANTI-SEIZE	<ul style="list-style-type: none"> Exclusive high temperature formula with copper and graphite in a high-quality grease 	<ul style="list-style-type: none"> Allows cold weather application to parts for year-round maintenance 	<ul style="list-style-type: none"> For general-purpose industrial maintenance applications including bolts, bushings, pipes, fittings, flanges, manifolds, nuts, studs, heat exchangers, valves, steam lines, union, retainers and clamps
LOCTITE LB 8150™ SILVER GRADE ANTI-SEIZE	<ul style="list-style-type: none"> Multipurpose high temperature anti-seize 	<ul style="list-style-type: none"> Equipment repair and general maintenance for long-term assemblies 	
LOCTITE LB 771™ NICKEL ANTI-SEIZE	<ul style="list-style-type: none"> Multipurpose high temperature anti-seize lubricant for use in extreme, high temperature applications 	<ul style="list-style-type: none"> For severe environments, including direct exposure to aggressive chemicals 	<ul style="list-style-type: none"> For use for all applications listed above and also: Fasteners in continuous high heat areas, such as those found in steel mills, including usage on oven stands and ladles Suitable for chemical processing environments, including the pulp and paper industry for chemical pumps and bleaching tank stands
High Performance			
LOCTITE LB 8009™ HEAVY DUTY ANTI-SEIZE 	<ul style="list-style-type: none"> Nonmetallic formulation for applications requiring a copper- and nickel-free product 	<ul style="list-style-type: none"> Exceptional protection for stainless steel and titanium 	<ul style="list-style-type: none"> Exposure to catalyst beds at refineries Water treatment plants
LOCTITE LB 8023™ MARINE GRADE ANTI-SEIZE 	<ul style="list-style-type: none"> Protects assemblies exposed directly or indirectly to fresh and salt water Outstanding water-washout resistance 	<ul style="list-style-type: none"> Excellent lubricity Works well in high humidity conditions 	<ul style="list-style-type: none"> Water treatment plants, quarries Pumps Splines, bushings, gears, chains, pins
LOCTITE LB 8036™ WHITE HI-TEMP ANTI-SEIZE 	<ul style="list-style-type: none"> Extreme high temperature, nonmetallic formulation with a cleaner appearance 	<ul style="list-style-type: none"> Impressive corrosion and moisture resistance Can be used on various metals such as copper, brass, cast iron, steel and all alloys 	<ul style="list-style-type: none"> Food processing ovens, conveyor bushings, sliders, screws, nuts
Specialty			
LOCTITE LB 8014™ FOOD GRADE ANTI-SEIZE 	<ul style="list-style-type: none"> Meets NSF code H1 standards for incidental food contact 	<ul style="list-style-type: none"> Prevents seizure, galling and friction in stainless steel and other parts 	<ul style="list-style-type: none"> Food processing industries Packaging plants Breweries, water treatment plants Hospitals
LOCTITE LB 8504™ GRAPHITE-50™ ANTI-SEIZE 	<ul style="list-style-type: none"> Highly electrically conductive, nonmetallic anti-seize 	<ul style="list-style-type: none"> Highly electrically conductive in metal-to-metal joints 	<ul style="list-style-type: none"> Spark plugs on engines
LOCTITE LB 8012™ MOLY PASTE 	<ul style="list-style-type: none"> Formulated to protect assemblies during break-in period 	<ul style="list-style-type: none"> Metal-free formula lubricates assemblies, especially press fits under high static loads withstanding temperatures to 750°F (399°C) Allows maximum clamping from available torque 	<ul style="list-style-type: none"> Where high load exposure is constant Stainless steel applications
LOCTITE LB 8700™ MOLY-50™ ANTI-SEIZE 	<ul style="list-style-type: none"> Use as thread lubricant where consistent torque values and clamping loads are critical 	<ul style="list-style-type: none"> Repetitive assembly and disassembly of fasteners Meets the performance requirements of MIL-PRF-83483 	<ul style="list-style-type: none"> Equipment assembly and repair Press and slip fit joints
LOCTITE LB 8044™ ZINC ANTI-SEIZE 	<ul style="list-style-type: none"> Nonabrasive formula that is recommended for soft metal fittings 	<ul style="list-style-type: none"> Acts like an internal galvanizer to protect surfaces from corrosion 	<ul style="list-style-type: none"> Assembly of aluminum, brass and copper materials
High Purity			
LOCTITE LB 8013™ N-7000™ HIGH PURITY ANTI-SEIZE 	<ul style="list-style-type: none"> Metal-free formula, very high purity and excellent lubrication 	<ul style="list-style-type: none"> Specially developed for Class 1, 2 and 3 power plant hardware Temperature resistant to 2400°F (1316°C) 	<ul style="list-style-type: none"> Nuclear power plants, reactors, steam generators, turbines
LOCTITE LB N-5000™ HIGH PURITY ANTI-SEIZE	<ul style="list-style-type: none"> Nickel-based lubricant that is suitable for use in nuclear reactors and water/steam systems (wetted Class 1 systems) 	<ul style="list-style-type: none"> Copper-free formulation, below 50 ppm 	<ul style="list-style-type: none"> Nuclear power plant hardware Class 1, 2, 3 fittings in reactors, steam generators, turbines Alloy bolting in fossil fuel power plants where minimum chlorides and sulfur are desired
LOCTITE LB N-5000™ HIGH PERFORMANCE HIGH PURITY ANTI-SEIZE	<ul style="list-style-type: none"> Nickel-based, calcium complex fortified anti-seize 	<ul style="list-style-type: none"> Fortified with calcium complex, offers greater degree of extreme pressure resistance 	<ul style="list-style-type: none"> Nuclear power plants (Class 1, 2 and 3), particularly good for critical, large joint assembly
LOCTITE LB N-1000™ HIGH PURITY ANTI-SEIZE	<ul style="list-style-type: none"> Copper-based, high purity anti-seize 	<ul style="list-style-type: none"> Good for use on stainless steel and high nickel alloy bolting assemblies: temperature resistant to 1800°F (982°C) 	<ul style="list-style-type: none"> Good for use in Class 2 and 3 nuclear facilities on a range of power plant hardware

ANTI-SEIZE PROPERTIES CHART

PRODUCT	ITEM NUMBER	PACKAGE TYPE/SIZE	TEMPERATURE RESISTANCE	COLOR	K-VALUE			
General-Purpose								
<div></div> ANTI-SEIZE ANTI-SEIZE LUBRICANT	1786073	12 oz. net wt. aerosol	1800°F (982°C)	Copper	0.16			
	51299	2 g pouch						
	51277	7 g pouch						
	51001	1 oz. tube						
	51002	4 oz. tube						
	51144	4 oz. brush-top can						
	New 1999559	7 oz. brush-top tube						
	51147	8 oz. brush-top can						
	51005	10 oz. brush-top can						
	51004	13 oz. cartridge						
	51006	1 lb. can						
	51007	1 lb. brush-top can						
	39643	1 lb. brush-top metal can						
	51008	2.5 lb. can						
	51009	8 lb. can						
	38584	25 lb. pail						
	51011	42 lb. pail						
LOCTITE LB 8065™ COPPER ANTI-SEIZE STICK	37229	20 g stick	1600°F (871°C)	Silver	0.18			
<div></div> GRADE ANTI-SEIZE STICK GRADE ANTI-SEIZE	37230	20 g stick						
	38181	7 g pouch						
	80209	4 oz. brush-top can						
	New 1999141	7 oz. brush-top tube						
	76732	8 oz. brush-top can						
	76764	1 lb. brush-top can						
	80206	1 gal. can						
	76775	5 gal. pail						
LOCTITE LB 8151™ SILVER GRADE ANTI-SEIZE	76759	12 oz. net wt. aerosol				2400°F (1316°C)	Silver	0.13
LOCTITE LB 771™ NICKEL ANTI-SEIZE	77124	8 oz. brush-top can						
	51102	1 lb. can						
	77164	1 lb. brush-top can						
	51152	8 lb. can						
77175	5 gal. pail							
LOCTITE LB 8507™ NICKEL ANTI-SEIZE	1852753	12 oz. net wt. aerosol						
High Performance								
LOCTITE LB 8009™ HEAVY DUTY ANTI-SEIZE		51609	1 oz. tube	2400°F (1316°C)	Black	0.16		
		New 1999560	7 oz. brush-top tube					
		51605	9 oz. brush-top can					
		51606	1.2 lb. brush-top can					
		51607	2.3 lb. can					
		51608	45 lb. pail					
LOCTITE LB 8070™ HEAVY DUTY ANTI-SEIZE STICK		41205	20 g stick	2400°F (1316°C)	Black	0.18		
LOCTITE LB 8023™ MARINE GRADE ANTI-SEIZE		New 1999556	7 oz. brush-top tube					
		34395	8 oz. brush-top can					
34026	16 oz. brush-top can	2000°F (1093°C)	White	0.16				
LOCTITE LB 8036™ WHITE HI-TEMP ANTI-SEIZE					34517	8 oz. brush-top can		
		34518	16 oz. brush-top can					
Specialty								
LOCTITE LB 8014™ FOOD GRADE ANTI-SEIZE		1228666	2 oz. tube	750°F (399°C)	White	0.13		
		1167237	8 oz. brush-top can					
		1169241	2 lb. can					
		1170163	40 lb. pail					
LOCTITE LB 8504™ GRAPHITE-50™ ANTI-SEIZE		51084	1 lb. can	900°F (482°C)	Black	0.13		
LOCTITE LB 8012™ MOLY PASTE		51048	8 oz. brush-top can	750°F (399°C)	Black	0.11		
		1852755	12 oz. net wt. aerosol					
		51049	1 lb. brush-top can					
		51145	15 lb. can					
		1676314†	55 gal. drum					
LOCTITE LB 8700™ MOLY-50™ ANTI-SEIZE		51094	1 lb. can	750°F (399°C)	Black	0.13		
		1114937	8 lb. can					
LOCTITE LB 8044™ ZINC ANTI-SEIZE		39901	1 lb. can	750°F (399°C)	Grey	0.15		
High Purity								
LOCTITE LB 8013™ N-7000™ HIGH PURITY ANTI-SEIZE		51272	8 oz. brush-top can	2400°F (1316°C)	Silver	0.16		
		51270	1 lb. brush-top can					
		51273	2 lb. can					
LOCTITE LB N-5000™ HIGH PURITY ANTI-SEIZE		51346	1 oz. tube	2400°F (1316°C)	Silver	0.15		
		51243	8 oz. brush-top can					
		51269	1 lb. brush-top can					
		51246	2 lb. can					
		51245	8 lb. can					
LOCTITE LB N-5000™ HIGH PERFORMANCE HIGH PURITY ANTI-SEIZE		51572	1 lb. brush-top can	2400°F (1316°C)	Silver	0.15		
LOCTITE LB N-1000™ HIGH PURITY ANTI-SEIZE		51115	8 oz. brush-top can	1800°F (982°C)	Copper	0.17		
		51116	1 lb. can					
		51117	2 lb. can					

† Made to order

OTHER LOCTITE® LUBRICANT PRODUCTS

LOCTITE LB 8104™ Food Grade Grease

- Extreme pressure grease
- Temperature resistant to 450°F (232°C)
- Protects after flush-outs and steam cleaning
- NLGI #2 rated



LOCTITE LB 8713™ Solvo-Rust® Super Penetrating Oil

- Frees and protects rusted parts
- Will not harm painted surfaces
- Lubricates close-fitting parts
- Contains no ozone-depleting compounds



LOCTITE LB 8801™ Silicone Lubricant

- Stops sticking, friction, squeaking and binding of moving parts
- Multipurpose, non-gumming
- Waterproofs and electrically insulates
- Contains no ozone-depleting compounds



LOCTITE LB 8017™ Moly Dry Film Lubricant

- Solid film lubricant for sliding surfaces and slow-moving parts
- Temperature resistant up to 750°F (399°C) as a dry film lubricant, 2400°F (1316°C) as an anti-seize
- Won't squeeze out, burn off, or pick up dirt



LOCTITE LB 8042™ Lithium Grease

- General-purpose lubricating paste
- Formulated for metal-to-metal and metal-to-plastic applications
- Provides corrosion protection
- Contains no ozone-depleting compounds



LOCTITE LB 8421™ Gear, Chain and Cable Lubricant

- Protects and prolongs the life of gears, chains, wire rope and cable
- Repels dirt, sand and dust with minimal "throw-off"
- Contains no ozone-depleting compounds



PRODUCT	PART NUMBER	CONTAINER	TEMPERATURE RESISTANCE
LOCTITE LB 8104™ FOOD GRADE GREASE	51252	14.5 oz. cartridge	450°F (232°C)
LOCTITE LB 8421™ GEAR, CHAIN AND CABLE LUBRICANT	1906177	12 oz. aerosol	—
LOCTITE LB 8017™ MOLY DRY FILM LUBRICANT	1786074	12 oz. aerosol	750°F (399°C) lubricant 2400°F (1316°C) anti-seize
	39896	1.3 lb. can	
	39897	10 lb. can	
LOCTITE LB 8801™ SILICONE LUBRICANT	51360	5.3 oz. tube	400°F (204°C)
	81246	13 oz. aerosol	
LOCTITE LB 8713™ SOLVO-RUST® SUPER PENETRATING OIL	1865406	12.25 oz. aerosol	—
LOCTITE LB 8042™ LITHIUM GREASE	30530	1.5 oz. tube	380°F (193°C)
	1906122	10.75 oz. aerosol	

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