

LOCTITE[®]

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					
LOCTITE® LB 8007™ C5-A ANTI-SEIZE	1786073	12 oz. net wt. aerosol	1800°F (982°C)	Copper	0.16
LOCTITE® LB 8008™ C5-A ANTI-SEIZE LUBRICANT	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
LOCTITE® LB 8060™ SILVER GRADE ANTI-SEIZE STICK	37230	20 g stick			
LOCTITE® LB 8150™ SILVER GRADE ANTI-SEIZE	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			
LOCTITE® LB 8036™ WHITE HI-TEMP ANTI-SEIZE	 34517	8 oz. brush-top can	2000°F (1093°C)	White	0.16
	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	



U.S.A.

Henkel Corporation
Engineering Adhesives
One Henkel Way
Rocky Hill, Connecticut 06067
Tel: 1.800.LOCTITE (562.8483)
Tel: 860.571.5100
Fax: 860.571.5465

Canada

Henkel Canada Corporation
Engineering Adhesives
2515 Meadowpine Blvd.
Mississauga, Ontario L5N 6C3
Tel: 1.800.263.5043 (*within Canada*)
Tel: 905.814.6511
Fax: 905.814.5391

na.henkel-adhesives.com/antiseize