

OTHER LOCTITE® LUBRICANT PRODUCTS

Loctite® Food Grade Grease

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



Loctite® Maintain® Lubricant Penetrant

- Rust-preventative spray for all metal parts
- Unfreezes rusted parts
- Useful on steel, aluminum, brass, copper, magnesium and other metals and alloys
- Contains no ozone-depleting compounds



Loctite® Moly Paste

- Provides maximum lubrication at high temperatures
- Protects equipment during break-in, under high-static or slow-moving loads, and allows maximum clamping from available torque
- Recommended for extreme pressure and heavy loads
- Contains no ozone-depleting compounds



Loctite® 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® White Lithium Grease

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



PRODUCT	PART NUMBER	CONTAINER	TEMPERATURE RESISTANCE
LOCTITE® FOOD GRADE GREASE	51252	14.5 oz. cartridge	450°F (232°C)
LOCTITE® GEAR, CHAIN AND CABLE LUBRICANT	81251	12 oz. aerosol	—
LOCTITE® MAINTAIN® LUBRICANT PENETRANT	81204	16 oz. aerosol	—
LOCTITE® MOLY PASTE 	51050	12 oz. aerosol	750°F (400°C)
	51048	8 oz. brush-top	
	51049	1 lb. brush-top	
	51145	15 lb. can	400°F (204°C)
LOCTITE® SILICONE LUBRICANT	81246	13 oz. aerosol	
	51360	5.3 oz. tube	
LOCTITE® SOLVO-RUST® SUPER PENETRATING OIL	81252	12.25 oz. aerosol	—
LOCTITE® WHITE LITHIUM GREASE	30530	1.5 oz. tube	380°F (193°C)

Loctite® Silicone Lubricant

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



Loctite® 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



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Protection in Extreme Environments

Anti-Seize Lubricants



Excellence is our Passion



ANTI-SEIZE LUBRICANTS



LOCTITE® Anti-Seize compounds are a group of premium quality products, developed to protect metal parts from rust, corrosion, galling and seizing. They ease assembly and disassembly of slip-fit and threaded joints, and reduce friction and wear on critical operating equipment. Formulated for severe industrial environments, these products protect against high temperatures, heavy loads, chemicals and fluids.

We also offer 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.

Several of the LOCTITE® Anti-Seize compounds are ideal for use in applications and in plants that prohibit the use of materials containing heavy metals. These metal-free formulations offer the same performance as traditional anti-seize products and are ideal for all types of industries including marine and food service.



ANTI-SEIZE SELECTOR CHART

PRODUCT	GENERAL CHARACTERISTICS	SPECIAL FEATURES	INDUSTRIES/APPLICATIONS
General-Purpose			
LOCTITE® C5-A® 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® 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® 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 ladlesSuitable for chemical processing environments, including the pulp and paper industry for chemical pumps and bleaching tank stands
High Performance			
LOCTITE® HEAVY DUTY ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Nonmetallic formulation for applications requiring a copper- and nickel-free product</div>	<ul style="list-style-type: none">Superior protection for stainless steel and titanium	<ul style="list-style-type: none">Exposure to catalyst beds at refineriesWater treatment plants
LOCTITE® MARINE GRADE ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Protects assemblies exposed directly or indirectly to fresh and salt waterOutstanding water-washout resistance</div>	<ul style="list-style-type: none">Excellent lubricityWorks well in high humidity conditions	<ul style="list-style-type: none">Water treatment plants, quarriesPumpsSplines, bushings, gears, chains, pins
LOCTITE® WHITE HI-TEMP ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Extreme high temperature, nonmetallic formulation with a cleaner appearance</div>	<ul style="list-style-type: none">Impressive corrosion and moisture resistanceCan 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® FOOD GRADE ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Meets NSF™ code H1 standards for incidental food contact</div>	<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 industriesPackaging plantsBreweries, water treatment plantsHospitals
LOCTITE® GRAPHITE-50™ ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Highly electrically conductive, nonmetallic anti-seize</div>	<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® MOLY PASTE	<div><div>NO METAL</div><ul style="list-style-type: none">Formulated to protect assemblies during break-in period</div>	<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 constantStainless steel applications
LOCTITE® MOLY-50™ ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Use as thread lubricant where consistent torque values and clamping loads are critical</div>	<ul style="list-style-type: none">Repetitive assembly and disassembly of fastenersMeets the performance requirements of MIL-PRF-83483	<ul style="list-style-type: none">Equipment assembly and repairPress and slip fit joints
LOCTITE® ZINC ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Nonabrasive formula that is recommended for soft metal fittings</div>	<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® N-7000™ HIGH PURITY ANTI-SEIZE	<div><div>NO METAL</div><ul style="list-style-type: none">Metal-free formula, very high purity and excellent lubrication</div>	<ul style="list-style-type: none">Specially developed for class 1, 2 and 3 power plant hardwareTemperature resistant to 2400°F (1316°C)	<ul style="list-style-type: none">Nuclear power plants, reactors, steam generators, turbines
LOCTITE® 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, turbinesAlloy bolting in fossil fuel power plants where minimum chlorides and sulfur are desired
LOCTITE® HIGH PERFORMANCE N-5000™ 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® 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® C5-A® COPPER ANTI-SEIZE LUBRICANT	51299 51277 51001 51002 51144 51147 51005 51003 51004 51006 51007 39643 51008 51009 38584 51011	2 g pouch 7 g pouch 1 oz. tube 4 oz. tube 4 oz. brush-top can 8 oz. brush-top can 10 oz. brush-top can 12 oz. net wt. aerosol 13 oz. cartridge 1 lb. can 1 lb. brush-top can 1 lb. brush-top metal can 2.5 lb. can 8 lb. can 25 lb. pail 42 lb. pail	1800°F (982°C)	Copper	0.16	
LOCTITE® C5-A® COPPER ANTI-SEIZE STICK	37229	20 g stick				
LOCTITE® SILVER GRADE ANTI-SEIZE	38181 80209 76732 76759 76764 80206 76775	7 g pouch 4 oz. brush-top can 8 oz. brush-top can 12 oz. net wt. aerosol 1 lb. brush-top can 1 gal. can 5 gal. pail	1600°F (871°C)	Silver	0.18	
LOCTITE® SILVER GRADE ANTI-SEIZE STICK	37230	20 g stick				
LOCTITE® NICKEL ANTI-SEIZE	77124 51286 51102 77164 51152 77175	8 oz. brush-top can 12 oz. net wt. aerosol 1 lb. can 1 lb. brush-top can 8 lb. can 5 gal. pail	2400°F (1315°C)	Silver	0.13	
High Performance						
LOCTITE® HEAVY DUTY ANTI-SEIZE	<div><div>NO METAL</div></div>	51609 51605 51606 51607 51608	2400°F (1315°C)	Black	0.16	
LOCTITE® HEAVY DUTY ANTI-SEIZE STICK	<div><div>NO METAL</div></div>	41205				20 g stick
LOCTITE® MARINE GRADE ANTI-SEIZE	<div><div>NO METAL</div></div>	34395 34026	8 oz. brush-top can 16 oz. brush-top can	2400°F (1315°C)	Black	0.18
LOCTITE® WHITE HI-TEMP ANTI-SEIZE	<div><div>NO METAL</div></div>	34517 34518	8 oz. brush-top can 16 oz. brush-top can	2000°F (1093°C)	White	0.16
Specialty						
LOCTITE® FOOD GRADE ANTI-SEIZE	<div><div>NO METAL</div></div>	1167237 1169241 1170163 1228666	8 oz. brush-top can 2 lb. can 40 lb. pail 0.2 oz. tube	750°F (400°C)	White	0.13
LOCTITE® GRAPHITE-50™ ANTI-SEIZE	<div><div>NO METAL</div></div>	51084	1 lb. can	900°F (482°C)	Black	0.13
LOCTITE® MOLY PASTE	<div><div>NO METAL</div></div>	51050 51048 51049 51145 1676314 ¹	12 oz. net wt. aerosol 8 oz. brush-top can 1 lb. brush-top can 15 lb. can 55 gal. drum	750°F (400°C)	Black	0.11
LOCTITE® MOLY-50™ ANTI-SEIZE	<div><div>NO METAL</div></div>	51094 1114937	1 lb. can 8 lb. can	750°F (400°C)	Black	0.13
LOCTITE® ZINC ANTI-SEIZE	<div><div>NO METAL</div></div>	39901	1 lb. can	750°F (400°C)	Grey	0.15
High Purity						
LOCTITE® N-7000™ HIGH PURITY ANTI-SEIZE	<div><div>NO METAL</div></div>	51272 51270 51273	8 oz. brush-top can 1 lb. brush-top can 2 lb. can	2400°F (1315°C)	Silver	0.16
LOCTITE® N-5000™ HIGH PURITY ANTI-SEIZE		51346 51243 51269 51246 51245	1 oz. tube 8 oz. brush-top can 1 lb. brush-top can 2 lb. can 8 lb. can	2400°F (1315°C)	Silver	0.15
LOCTITE® HIGH PERFORMANCE N-5000™ HIGH PURITY ANTI-SEIZE		51572	1 lb. brush-top can	2400°F (1315°C)	Silver	0.15
LOCTITE® N-1000™ HIGH PURITY ANTI-SEIZE		51115 51116 51117	8 oz. brush-top can 1 lb. can 2 lb. can	1800°F (982°C)	Copper	0.17

† Made to order