OTHER LOCTITE LUBRICANT PRODUCTS

Loctite® Food Grade Grease

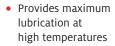
- Extreme pressure grease Temperature resistant to
- Protects after flushouts
- NLGI #2 rated

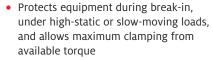
Food Grade Grease Litters Pressure 450°F (232°C) and steam cleaning

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 ozonedepleting compounds

Loctite® **Moly Paste**





 Recommended for extreme pressure and heavy loads

 Contains no ozonedepleting 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



Loctite[®] White Lithium Grease

compounds

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

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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	_	
	51050	12 oz. aerosol	75005 (40000)	
LOCTITE® MOLV PACTE	51048	8 oz. brush-top		
LOCTITE® MOLY PASTE	51049	1 lb. brush-top	750°F (400°C)	
	51145	15 lb. can		
LOCTITE® SILICONE LUBRICANT	81246	13 oz. aerosol	400°F (204°C)	
LUCTITE" SILICUNE LUDNICANT	51360	5.3 oz. tube	400 F (204 G)	
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 ozonedepleting 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 ozonedepleting compounds





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

Canada

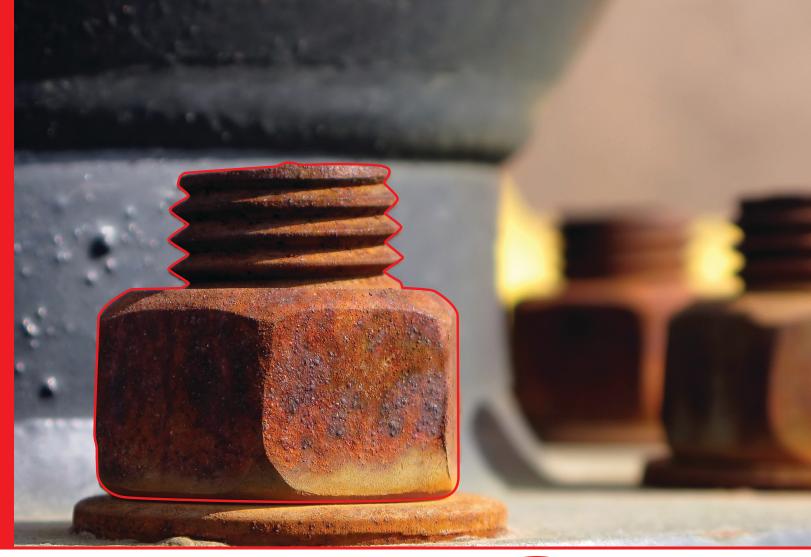
Henkel Canada Corporation **Engineering Adhesives** 2515 Meadowpine Blvd. Mississauga, Ontario L5N 6C3 Tel: 1.800.263.5043 (within Canada) Tel: 905.814.6511 Fax: 905.814.5391

www.henkelna.com/mro



Protection in Extreme Environments

Anti-Seize Lubricants





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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		Exclusive high temperature formula with copper and graphite in a high-quality grease	Allows cold weather application to parts for year-round maintenance	For general-purpose industrial maintenance applications including bolts, bushings, pipes, fittings, flanges, manifolds, nuts, studs, heat exchangers, valves, steam lines, union,
LOCTITE® SILVER GRADE ANTI-SEIZE		Multipurpose high temperature anti-seize	Equipment repair and general maintenance for long-term assemblies	retainers and clamps
LOCTITE® NICKEL ANTI-SEIZE		Multipurpose high temperature anti- seize lubricant for use in extreme, high temperature applications	For severe environments, including direct exposure to aggressive chemicals	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® HEAVY DUTY ANTI-SEIZE	NO METAL	Nonmetallic formulation for applications requiring a copper- and nickel-free product	Superior protection for stainless steel and titanium	Exposure to catalyst beds at refineries Water treatment plants
LOCTITE® MARINE GRADE ANTI-SEIZE	(NO)	 Protects assemblies exposed directly or indirectly to fresh and salt water Outstanding water-washout resistance 	Excellent lubricity Works well in high humidity conditions	Water treatment plants, quarries Pumps Splines, bushings, gears, chains, pins
LOCTITE® WHITE HI-TEMP ANTI-SEIZE	No METAL	Extreme high temperature, nonmetallic formulation with a cleaner appearance	Impressive corrosion and moisture resistance Can be used on various metals such as copper, brass, cast iron, steel and all alloys	Food processing ovens, conveyor bushings, sliders, screws, nuts
Specialty				
LOCTITE® FOOD GRADE Anti-Seize	No METAL	 Meets NSF™ code H1 standards for incidental food contact 	Prevents seizure, galling and friction in stainless steel and other parts	Food processing industriesPackaging plantsBreweries, water treatment plantsHospitals
LOCTITE® GRAPHITE-50™ ANTI-SEIZE	NO	Highly electrically conductive, nonmetallic anti-seize	Highly electrically conductive in metal-to-metal joints	Spark plugs on engines
LOCTITE® MOLY PASTE	NO METAL	 Formulated to protect assemblies during break-in period 	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	Where high load exposure is constant Stainless steel applications
LOCTITE® MOLY-50™ ANTI-SEIZE	NO NETAI	Use as thread lubricant where consistent torque values and clamping loads are critical	Repetitive assembly and disassembly of fasteners Meets the performance requirements of MIL-PRF-83483	Equipment assembly and repair Press and slip fit joints
LOCTITE® ZINC ANTI-SEIZE	NO METAL	 Nonabrasive formula that is recommended for soft metal fittings 	Acts like an internal galvanizer to protect surfaces from corrosion	Assembly of aluminum, brass and copper materials
High Purity				
LOCTITE® N-7000™ HIGH PURITY ANTI-SEIZE	NO METAL	Metal-free formula, very high purity and excellent lubrication	 Specially developed for class 1, 2 and 3 power plant hardware Temperature resistant to 2400°F (1316°C) 	Nuclear power plants, reactors, steam generators, turbines
LOCTITE® N-5000™ HIGH PURITY ANTI-SEIZE		Nickel-based lubricant that is suitable for use in nuclear reactors and water/steam systems (wetted Class 1 systems)	Copper-free formulation, below 50 ppm	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® HIGH PERFORMANCE N-5000™ HIGH PURITY ANTI-SEIZE		Nickel-based, calcium complex fortified anti-seize	Fortified with calcium complex, offers greater degree of extreme pressure resistance	Nuclear power plants (class 1, 2 and 3), particularly good for critical, large joint assembly
LOCTITE® N-1000™ HIGH PURITY ANTI-SEIZE		 Copper-based, high purity anti-seize 	Good for use on stainless steel and high nickel alloy bolting assemblies: temperature resistant to 1800°F (982°C)	Good for use in Class 2 and 3 nuclear facilities on a range of power plant hardware

ANTI-SEIZE PROPERTIES CHART

General-Purpose Loctite® C5-A® Copper anti-seize Lubri						
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 can 1 lb. can 8 lb. can 25 lb. can 25 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						
	NO	51609 51605 51606 51607 51608	1 oz. tube 9 oz. brush-top can 1.2 lb. brush-top can 2.3 lb. can 45 lb. pail	2400°F (1315°C)	Black	0.16
LOCTITE® HEAVY DUTY ANTI-SEIZE STICK	NO	41205	20 g stick			
	No	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	NO	34517 34518	8 oz. brush-top can 16 oz. brush-top can	2000°F (1093°C)	White	0.16
Specialty			I		I	I
LOCTITE® FOOD GRADE ANTI-SEIZE	NO	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	NO METAL	51084	1 lb. can	900°F (482°C)	Black	0.13
LOCTITE® MOLY PASTE	No Maryar	51050 51048 51049 51145 1676314 [†]	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	WO .	51094 1114937	1 lb. can 8 lb. can	750°F (400°C)	Black	0.13
LOCTITE® ZINC ANTI-SEIZE	NO	39901	1 lb. can	750°F (400°C)	Grey	0.15
High Purity						
LOCTITE® N-7000™ HIGH PURITY ANTI-SEIZE	NO	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