

## OTHER LOCTITE® LUBRICANT PRODUCTS

### LOCTITE® Food Grade Grease

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



### 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® Silicone Lubricant

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



### LOCTITE® 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 (1315°C) as an anti-seize
- Won't squeeze out, burn off, or pick up dirt



### LOCTITE® LB 8529™ 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® LB8421™ Gear/Chain Lube

- 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



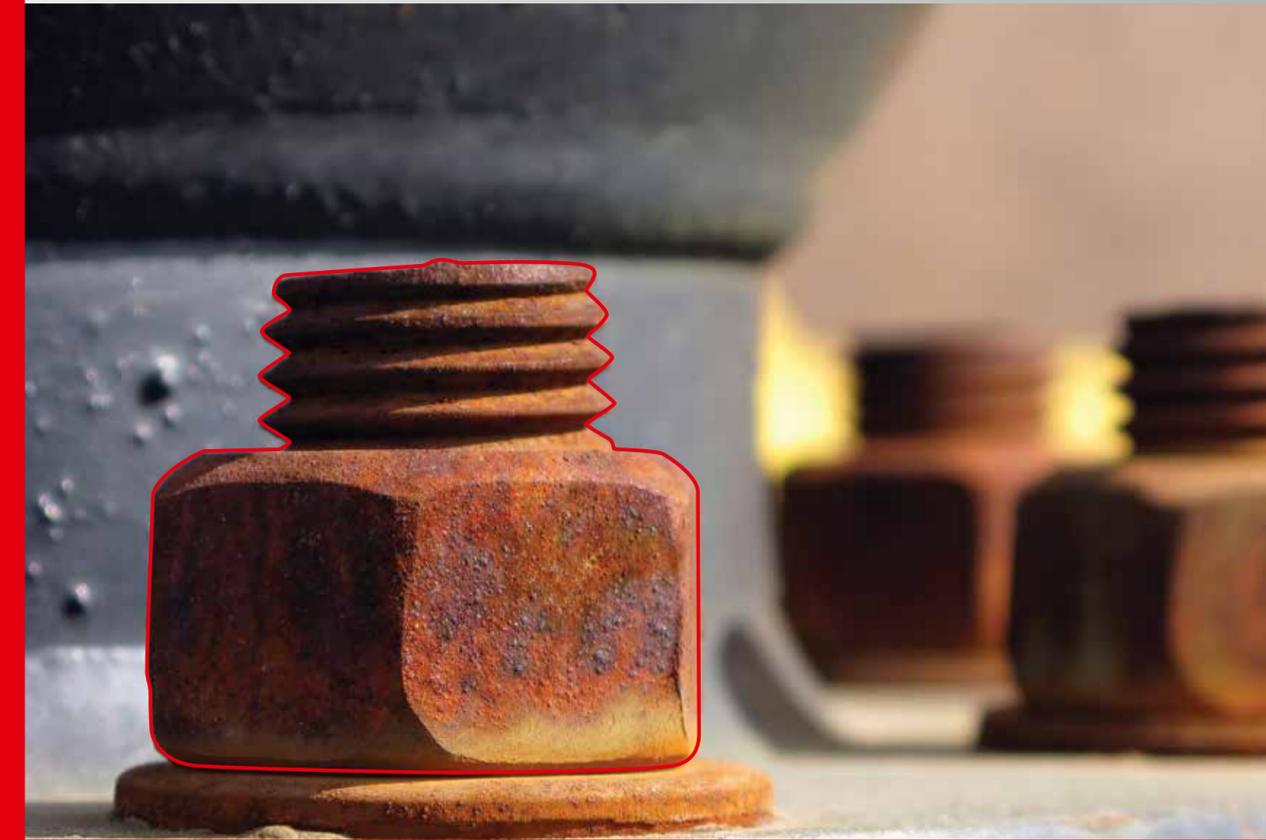
PRODUCT	PART NUMBER	CONTAINER	TEMPERATURE RESISTANCE
LOCTITE® FOOD GRADE GREASE	51252	14.5 oz. cartridge	450°F (232°C)
LOCTITE® LB8421™ GEAR/CHAIN LUBE	1906177	12 oz. aerosol	—
LOCTITE® MOLY DRY FILM LUBRICANT	1786074	12 oz. aerosol	750°F (399°C) lubricant 2400°F (1315°C) anti-seize
	39896	1.3 lb. can	
	39897	10 lb. can	
LOCTITE® SILICONE LUBRICANT	51360	5.3 oz. tube	400°F (204°C)
	81246	13 oz. aerosol	
LOCTITE® SOLVO-RUST® SUPER PENETRATING OIL	1865406	12.25 oz. aerosol	—
LOCTITE® LB 8529™ LITHIUM GREASE	30530	1.5 oz. tube	380°F (193°C)
	1906122	10.75 oz. aerosol	

LOCTITE®

LOCTITE®

Protection in Extreme Environments

Anti-Seize Lubricants



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## ANTI-SEIZE SELECTOR CHART

PRODUCT	GENERAL CHARACTERISTICS	SPECIAL FEATURES	INDUSTRIES/APPLICATIONS
<b>General-Purpose</b>			
<b>LOCTITE® C5-A® COPPER-BASED ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Exclusive high temperature formula with copper and graphite in a high-quality grease</li> </ul>	<ul style="list-style-type: none"> <li>Allows cold weather application to parts for year-round maintenance</li> </ul>	<ul style="list-style-type: none"> <li>For general-purpose industrial maintenance applications including bolts, bushings, pipes, fittings, flanges, manifolds, nuts, studs, heat exchangers, valves, steam lines, union, retainers and clamps</li> <li>For use for all applications listed above and also:                             <ul style="list-style-type: none"> <li>Fasteners in continuous high heat areas, such as those found in steel mills, including usage on oven stands and ladles</li> <li>Suitable for chemical processing environments, including the pulp and paper industry for chemical pumps and bleaching tank stands</li> </ul> </li> </ul>
<b>LOCTITE® SILVER GRADE ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Multipurpose high temperature anti-seize</li> </ul>	<ul style="list-style-type: none"> <li>Equipment repair and general maintenance for long-term assemblies</li> </ul>	
<b>LOCTITE® NICKEL ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Multipurpose high temperature anti-seize lubricant for use in extreme, high temperature applications</li> </ul>	<ul style="list-style-type: none"> <li>For severe environments, including direct exposure to aggressive chemicals</li> </ul>	
<b>High Performance</b>			
<b>LOCTITE® HEAVY DUTY ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Nonmetallic formulation for applications requiring a copper- and nickel-free product</li> </ul>	<ul style="list-style-type: none"> <li>Superior protection for stainless steel and titanium</li> </ul>	<ul style="list-style-type: none"> <li>Exposure to catalyst beds at refineries</li> <li>Water treatment plants</li> <li>Water treatment plants, quarries</li> <li>Pumps</li> <li>Splines, bushings, gears, chains, pins</li> <li>Food processing ovens, conveyor bushings, sliders, screws, nuts</li> </ul>
<b>LOCTITE® MARINE GRADE ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Protects assemblies exposed directly or indirectly to fresh and salt water</li> <li>Outstanding water-washout resistance</li> </ul>	<ul style="list-style-type: none"> <li>Excellent lubricity</li> <li>Works well in high humidity conditions</li> </ul>	
<b>LOCTITE® WHITE HI-TEMP ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Extreme high temperature, nonmetallic formulation with a cleaner appearance</li> </ul>	<ul style="list-style-type: none"> <li>Impressive corrosion and moisture resistance</li> <li>Can be used on various metals such as copper, brass, cast iron, steel and all alloys</li> </ul>	
<b>Specialty</b>			
<b>LOCTITE® FOOD GRADE ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Meets NSF code H1 standards for incidental food contact</li> </ul>	<ul style="list-style-type: none"> <li>Prevents seizure, galling and friction in stainless steel and other parts</li> </ul>	<ul style="list-style-type: none"> <li>Food processing industries</li> <li>Packaging plants</li> <li>Breweries, water treatment plants</li> <li>Hospitals</li> <li>Spark plugs on engines</li> <li>Where high load exposure is constant</li> <li>Stainless steel applications</li> <li>Equipment assembly and repair</li> <li>Press and slip fit joints</li> <li>Assembly of aluminum, brass and copper materials</li> </ul>
<b>LOCTITE® GRAPHITE-50™ ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Highly electrically conductive, nonmetallic anti-seize</li> </ul>	<ul style="list-style-type: none"> <li>Highly electrically conductive in metal-to-metal joints</li> </ul>	
<b>LOCTITE® MOLY PASTE</b>	<ul style="list-style-type: none"> <li>Formulated to protect assemblies during break-in period</li> </ul>	<ul style="list-style-type: none"> <li>Metal-free formula lubricates assemblies, especially press fits under high static loads withstanding temperatures to 750°F (399°C)</li> <li>Allows maximum clamping from available torque</li> </ul>	
<b>LOCTITE® MOLY-50™ ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Use as thread lubricant where consistent torque values and clamping loads are critical</li> </ul>	<ul style="list-style-type: none"> <li>Repetitive assembly and disassembly of fasteners</li> <li>Meets the performance requirements of MIL-PRF-83483</li> </ul>	
<b>LOCTITE® ZINC ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Nonabrasive formula that is recommended for soft metal fittings</li> </ul>	<ul style="list-style-type: none"> <li>Acts like an internal galvanizer to protect surfaces from corrosion</li> </ul>	
<b>High Purity</b>			
<b>LOCTITE® N-7000™ HIGH PURITY ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Metal-free formula, very high purity and excellent lubrication</li> </ul>	<ul style="list-style-type: none"> <li>Specially developed for class 1, 2 and 3 power plant hardware</li> <li>Temperature resistant to 2400°F (1316°C)</li> </ul>	<ul style="list-style-type: none"> <li>Nuclear power plants, reactors, steam generators, turbines</li> <li>Nuclear power plant hardware Class 1, 2, 3 fittings in reactors, steam generators, turbines</li> <li>Alloy bolting in fossil fuel power plants where minimum chlorides and sulfur are desired</li> <li>Nuclear power plants (class 1, 2 and 3), particularly good for critical, large joint assembly</li> <li>Good for use in Class 2 and 3 nuclear facilities on a range of power plant hardware</li> </ul>
<b>LOCTITE® N-5000™ HIGH PURITY ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Nickel-based lubricant that is suitable for use in nuclear reactors and water/steam systems (wetted Class 1 systems)</li> </ul>	<ul style="list-style-type: none"> <li>Copper-free formulation, below 50 ppm</li> </ul>	
<b>LOCTITE® HIGH PERFORMANCE N-5000™ HIGH PURITY ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Nickel-based, calcium complex fortified anti-seize</li> </ul>	<ul style="list-style-type: none"> <li>Fortified with calcium complex, offers greater degree of extreme pressure resistance</li> </ul>	
<b>LOCTITE® N-1000™ HIGH PURITY ANTI-SEIZE</b>	<ul style="list-style-type: none"> <li>Copper-based, high purity anti-seize</li> </ul>	<ul style="list-style-type: none"> <li>Good for use on stainless steel and high nickel alloy bolting assemblies: temperature resistant to 1800°F (982°C)</li> </ul>	

## ANTI-SEIZE PROPERTIES CHART

PRODUCT	ITEM NUMBER	PACKAGE TYPE/SIZE	TEMPERATURE RESISTANCE	COLOR	K-VALUE
<b>General-Purpose</b>					
<b>LOCTITE® C5-A® COPPER ANTI-SEIZE LUBRICANT</b> 	51299	2 g pouch	1800°F (982°C)	Copper	0.16
	51277	7 g pouch			
	51001	1 oz. tube			
	51002	4 oz. tube			
	51144	4 oz. brush-top can			
	51147	8 oz. brush-top can			
	51005	10 oz. brush-top can			
	1786073	12 oz. net wt. aerosol			
	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				
<b>LOCTITE® C5-A® COPPER ANTI-SEIZE STICK</b>	37229	20 g stick			
<b>LOCTITE® SILVER GRADE ANTI-SEIZE</b> 	38181	7 g pouch	1600°F (871°C)	Silver	0.18
	80209	4 oz. brush-top can			
	76732	8 oz. brush-top can			
	76759	12 oz. net wt. aerosol			
	76764	1 lb. brush-top can			
	80206	1 gal. can			
76775	5 gal. pail				
<b>LOCTITE® SILVER GRADE ANTI-SEIZE STICK</b>	37230	20 g stick			
<b>LOCTITE® NICKEL ANTI-SEIZE</b>	77124	8 oz. brush-top can	2400°F (1315°C)	Silver	0.13
	1852753	12 oz. net wt. aerosol			
	51102	1 lb. can			
	77164	1 lb. brush-top can			
	51152	8 lb. can			
77175	5 gal. pail				
<b>High Performance</b>					
<b>LOCTITE® HEAVY DUTY ANTI-SEIZE</b>	51609	1 oz. tube	2400°F (1315°C)	Black	0.16
	51605	9 oz. brush-top can			
	51606	1.2 lb. brush-top can			
51607	2.3 lb. can				
51608	45 lb. pail				
<b>LOCTITE® HEAVY DUTY ANTI-SEIZE STICK</b>	41205	20 g stick			
<b>LOCTITE® MARINE GRADE ANTI-SEIZE</b>	34395	8 oz. brush-top can	2400°F (1315°C)	Black	0.18
34026	16 oz. brush-top can				
<b>LOCTITE® WHITE HI-TEMP ANTI-SEIZE</b>	34517	8 oz. brush-top can	2000°F (1093°C)	White	0.16
34518	16 oz. brush-top can				
<b>Specialty</b>					
<b>LOCTITE® FOOD GRADE ANTI-SEIZE</b>	1228666	2 oz. tube	750°F (400°C)	White	0.13
	1167237	8 oz. brush-top can			
	1169241	2 lb. can			
1170163	40 lb. pail				
<b>LOCTITE® GRAPHITE-50™ ANTI-SEIZE</b>	51084	1 lb. can	900°F (482°C)	Black	0.13
<b>LOCTITE® MOLY PASTE</b>	51048	8 oz. brush-top can	750°F (400°C)	Black	0.11
	1852755	12 oz. net wt. aerosol			
	51049	1 lb. brush-top can			
	51145	15 lb. can			
1676314†	55 gal. drum				
<b>LOCTITE® MOLY-50™ ANTI-SEIZE</b>	51094	1 lb. can	750°F (400°C)	Black	0.13
1114937	8 lb. can				
<b>LOCTITE® ZINC ANTI-SEIZE</b>	39901	1 lb. can	750°F (400°C)	Grey	0.15
<b>High Purity</b>					
<b>LOCTITE® N-7000™ HIGH PURITY ANTI-SEIZE</b>	51272	8 oz. brush-top can	2400°F (1315°C)	Silver	0.16
	51270	1 lb. brush-top can			
	51273	2 lb. can			
<b>LOCTITE® N-5000™ HIGH PURITY ANTI-SEIZE</b>	51346	1 oz. tube	2400°F (1315°C)	Silver	0.15
	51243	8 oz. brush-top can			
	51269	1 lb. brush-top can			
	51246	2 lb. can			
	51245	8 lb. can			
<b>LOCTITE® HIGH PERFORMANCE N-5000™ HIGH PURITY ANTI-SEIZE</b>	51572	1 lb. brush-top can	2400°F (1315°C)	Silver	0.15
<b>LOCTITE® N-1000™ HIGH PURITY ANTI-SEIZE</b>	51115	8 oz. brush-top can	1800°F (982°C)	Copper	0.17
	51116	1 lb. can			
	51117	2 lb. can			

† Made to order

## 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® C5-A® Copper-Based and Silver Grade Anti-Seize lubricants now qualified under MIL-PRF-907F.**

## 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.