

ALL-PURPOSE ANTI-SEIZE

All-Purpose Anti-Seize is a moly fortified lubricant engineered to provide protection in extreme environments and operating temperatures. Its aluminum complex base grease contains an extreme pressure additive. This increases performance as it maintains the proper dispersion and suspension of solid ingredients. It flows evenly over surfaces and into thread courses. It will not drip; assuring the surface receives maximum protection.



FEATURES

- Prevents seizure up to 1800°F (982°C)
- Moly fortified
- Lead free
- Protects against seizure, heat-freeze, galling, rust, and corrosion
- Lowers friction; reduces wrench torque
- Reduces maintenance costs
- Not affected by contraction, expansion, or vibration
- Will not run, drip, or settle out



Visit www.lpslabs.com/LPS_Icons.html for more information

ALL-PURPOSE ANTI-SEIZE ANTI-SEIZE

SPECIFICATION AND APPROVAL

Approved/Qualified to:

MIL-PRF-907E

APPLICATIONS

- Fittings
- Flange Faces
- Gaskets
- Guides
- Keys
- Keyways

- Nuts and Bolts
- Slides
- Studs
- Tubular Threads
- Valve Assemblies

PACKAGE SIZES

Net Contents	Part No.
1/2 lb. (227 grams) paste	04108
1 lb. (454 grams) paste	04110
50 lb. (5 gal.)	04105



ALL-PURPOSE ANTI-SEIZE

LPS® ANTI-SEIZES COMPARISON CHART

															TYPE OF ANTI-SEIZE					
	NSF® CERTIFIED TEMPERATURE RANGE								ALUMINUM COMPLEX	NICKEL	COPPER	MOLY & GRAPHITE								
ANTI-SEIZES	ALL-PURPOSE				-65	°F (-	54°C	to 1	800	F (98	32°C)						•			•
	COPPER				-65	°F (-	54°C	to 1	800	F (98	32°C)						•		•	
	FOOD GRADE	(1)			-65	°F (-	54°C	to 1	800°	F (98	32°C)						•			
	NICKEL							-65	s°F (-	54°C)	to 2	600	F (14	427°	C)		•	•		
			-100°F	0°F	250°F	500°F	750°F	1000°F	1250°F	1 <i>5</i> 00°F	1750°F	2000°F	2250°F	2500°F	2750°F	3000°F				

PROPERTIES

Appearance/Physical State	Paste/Solid	Color	Charcoal grey
Odor	Hydrocarbon-like	Base Oil Type	Petroleum distillate
Thickener Type	Aluminum Complex	Flash Point °F(°C)	>430°F (221°C)
Dropping Point °F(°C)	450°F (232°C)	Flash Point Method	Cleveland Open Cup (ASTM D-92)
Specific Gravity (water=1)	1.19 @ 20°C	NLGI Grade	1 - 1.5
Temperature Range °F (°C)	- 65°F - 1800°F (-54°C - 982°C)	Propellant Type	Not Applicable
Copper Corrosion	1A	Salt Fog Resistance (ASTM B-117) 20% NaCl @ 100°F, Hrs. Free of Corrosion	200+
Shell 4-Ball Weld Point kgf (ASTM D-2596)	500	Oil Separation, Wt.% Loss @100°C	<5.0
Penetration @ 77°F (ASTM D-217)	300 - 330	Coefficient of Friction	0.15
VOCs	None	HMIS 1996	1, 1, 0
Load Wear Index	Not Determined	HMIS III	1, 1, 0

HANDLING

DO NOT handle, store, or open near an open flame, sources of heat, or sources of ignition. Protect material from direct sunlight. Do not get this material in contact with eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Wear personal protective equipment. Avoid prolonged exposure. Avoid release to the environment.

STORAGE

Keep away from heat, sparks, and open flame. Store in a well-ventilated place. Keep container tightly closed. Keep away from food, drink, and animal feeding-stuffs. Keep out of the reach of children. Use care in handling/storage.

DIRECTIONS

Clean threaded surface thoroughly with wire brush. Apply thin coating of anti-seize to metal surface with brush provided or with bristle brush. Assemble as normal wiping off any excess. NOT FOR USE ON OXYGEN SYSTEMS.

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE: WWW.LPSLABS.COM

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