

Typical Functional Properties

	<u>ASTM Test Method</u>	<u>Value</u>
Corrosion Resistance		
Test Panel	ASTM B-117	<48 hrs. @ 5% neutral salt spray
Test Panel Coating Method		0.5 mil on grit blasted steel panel
Abrasion Resistance	ASTM D-4060	Good
Coefficient of Friction	ASTM D-2714	0.02 to 0.04
Operating Temperature Range		-100°F to 1200°F (-73°C to 650°C)
Load carrying capacity	ASTM D-2625, Method B	<40,000 psi
Wear Life	ASTM D-2625, Method A	<60 minutes

Chemical Resistance (ASTM D-2510, Method C)

Isopropyl alcohol or ethyl alcohol	Pass	Diethanolamine	Pass
Mineral spirits or paint thinner	Pass	Hydrochloric acid (10%)	N/R
Toluene	Pass	Sodium Hydroxide (10%)	N/R
Acetone	Pass	Distilled Water	N/R
Skydrol 500	N/R	Jet Fuels (JP-4)	Pass
Hydraulic Fluids	Pass	Trichloroethylene	Pass
Anti-icing fluids	Pass		

Note: Chemical resistance may vary depending on the cure cycle. N/R = not recommended

Additional Information

Shelf Life and Storage:

One year from date of shipment, stored in a factory sealed container between the temperatures, 40°F to 100°F (4°C to 38°C). Coatings are thermally stable, but we do not recommend prolonged exposure outside of the specified temperature range listed above.

Packaging: Lube-Lok S22-TG is available in quarts, gallons, and 5-gallon pails

Warranty:

No representation or warranty is expressed or implied and all warranties including warranties of marketability and fitness for use are expressly disclaimed. Nothing herein shall be construed as permission or recommendation to practice a patented invention without a license.

* These tests are performed on each production lot

¹ Based on 100% transfer efficiency at a dry film thickness of 0.0005 inch (12.5 microns).