

## Stainless Steel Anti-Seize

## Technical Data Sheet

**PRODUCT DESCRIPTION:** *SAF-T-EZE Stainless Steel Anti-Seize* provides ultimate protection as a high temperature anti-seize and extreme pressure lubricant. *Stainless Steel Anti-Seize* stops corrosion, galling and seizure between metal parts and is recommended for service to 2500°F.

*SAF-T-EZE Stainless Steel Anti-Seize* is a smooth, non-separating formula consisting of a lithium soap thickened grease into which is compounded to Stainless Steel, aluminum as well as graphite lubricants and corrosion fighting inhibitors. This high performance grease and solid additives provide extreme pressure lubricating properties that prevent galling and cold welding and at the same time prevent water wash out and galvanic pitting from electrolysis of road salt, acid rain or salt water. The particles present are inert and will not evaporate at extreme temperatures and their heat resistant qualities will prevent carbon fusion and seizure at temperatures approaching 2500°F. This anti-seize compound does not contain lead, molybdenum disulfate or halogen compounds. *SAF-T-EZE Stainless Steel Anti-Seize* meets the requirements of MIL-A-907E.

### PHYSICAL PROPERTIES:

<b>Color</b>	<b>Silver Gray</b>
<b>Temperature Range</b>	<b>-60° to 2500°F</b>
<b>NLGI</b>	<b>1</b>
<b>Specific Gravity</b>	<b>1.2</b>
<b>Weight per gallon</b>	<b>10.0 lb.</b>
<b>Penetration</b>	<b>180 ± 30</b>
<b>Drop Point</b>	<b>380°F</b>
<b>Flash Point : C.O.C.</b>	<b>500°F</b>
<b>Particle Size</b>	<b>1 Mil Maximum (25µ)</b>
<b>Coefficient of Friction</b>	<b>0.09 (Shell 4 Ball Method)</b>

**APPLICATION:** *SAF-T-EZE Stainless Steel Anti-Seize* is recommended where very different metals are used together such as brass and steel because Stainless Steel is a very hard and keeps surfaces apart. It is also used where high Nickel alloy metals such as stainless steel, or where Titanium or other hard metals are involved. *Stainless Steel Anti-Seize* is also used where metals such as copper cannot be present, such as in steam turbine generators or nuclear processing plants. Surfaces need not be cleaned before application unless grit or low quality oil/grease is present and ultimate performance is required. Use on threaded parts, bushings, gears, valve stems, chains, sprockets, levers, hinges, pivots, rollers, heat exchanger bolts, manifold bolts, or as a gasket release agent, etc.

**NOTE:** This product is not recommended for pure oxygen systems.

**IMPORTANT NOTICE:** All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. *SAF-T-LOK International Corporation* is not responsible for loss, claim or damages resulting from use of its products.