

Nuclear Quality Anti-Seize

Technical Data Sheet

PRODUCT DESCRIPTION: *SAF-T-EZE Nickel Nuclear Quality Anti-Seize* provides ultimate protection as a high temperature anti-seize and extreme pressure lubricant. *Nickel Nuclear Quality Anti-Seize* stops corrosion, galling and seizure between metal parts and is recommended for service to 2000°F.

SAF-T-EZE Nickel Nuclear Quality Anti-Seize has been specifically formulated to the high purity and performance requirements of the nuclear industry. This product is produced from the highest purity grease, Nickel and Graphite that minimize Sulphur, Halogens, Mercury, Lead, Cadmium, Tin etc. While providing ultimate performance high temperature anti-seize and extreme pressure lubricating properties in power generating facilities.

PHYSICAL PROPERTIES:

Color	Silver Gray
Temperature Range	-60° to 2600°F
NLGI	1
Specific Gravity	1.2
Weight per gallon	10.0 lb.
Penetration	180 ± 30
Drop Point	>500°F
Flash Point : C.O.C.	440°F
Particle Size	1 Mil Maximum (25)
Coefficient of Friction	0.09 (Shell 4 Ball Method)

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

APPLICATION: *SAF-T-EZE Nickel Nuclear Quality Anti-Seize* is recommended where very different metals are used together such as brass and steel because Nickel is a hard metal 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. Nickel 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.

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-EZE Div., STL Compound Corporation* is not responsible for loss, claim or damages resulting from use of its products.