



# 710

## ANTI-SEIZE COMPOUND

### APPLICATION AREAS

- Bolts
- Flanges
- Fittings
- Valves



### PRODUCT DATA SHEET

#### KEY FEATURES AND BENEFITS

- Ultra-Fine Particle Size
- Balanced Coefficient of Friction
- Withstands Extreme Pressure, Extreme Temperatures
- Good Electrical Conductivity Between Surfaces
- Guards Against Corrosion
- NSF H2 - Registration number 133958
- Meets MIL-A-907D
- US Navy Qualified Products List QPL-907

#### PACKAGING

500 Gram Brush Top

#### DIRECTIONS

Treat all threaded or press-fit parts before joining to make assembly and disassembly easier. Surfaces should be free of dirt, oil, grease, etc. Apply liberally to mating surfaces.

#### DESCRIPTION

Chesterton® 710 Anti-Seize Compound is an anti-seize compound and assembly lubricant combining the high temperature, extreme pressure, and corrosion resistant properties of colloidal copper, aluminum and graphite in an oil based suspension that will not burn, scrape or wash-off. The product seals and protects metal parts under extreme conditions by providing an ultra-thin coating of copper particles. The fine colloidal particles coat and separate metal parts, thus retarding pitting from galvanic action between dissimilar metals and the microwelding that could occur if asperities in the metal were not kept apart. Because 710 Anti-Seize Compound has a balanced coefficient of friction, threads are not stretched and more accurate load values are possible during assembly. The product saves threads and parts for reuse by preventing galling damage and breakage during opening. Chesterton 710 Anti-Seize Compound meets MIL-A-907D and is on the U.S. Navy qualified products list QPL-907.

#### TYPICAL PHYSICAL PROPERTIES

Appearance	Copper paste
NLGI Grade (ASTM D217, DIN 51 518)	1
Specific Gravity	1.3
Average Particle Size	4 to 7 microns
Flash Point	85°C (185°F)
Operating Temperature	Up to 1100°C (2000°F)
Dropping Point (ASTM D566, ISO 2176)	>204°C (>400°F)
Coefficient of Friction (ASTM D2266, DIN 51 350)	.08
Coefficient "K" Factor	.20
Extreme Pressure Capability (ASTM D2783, DIN 51 350)	8195 kg/cm <sup>2</sup>

Before using this product, please refer to Safety Data Sheet (SDS).