

## Chesterton 772 Premium Nickel Anti-Seize Compound

Category : Fluid , Lubricant

### Material Notes:

**Description:** Chesterton® 772 Premium Nickel Anti-Seize Compound is formulated with ultra pure raw materials. This permits 772 Premium Nickel Anti-Seize Compound to conform to most applicable equipment specifications which restrict the levels of halogens, sulfur and low melting point metals. Chesterton 772 Premium Nickel Anti-Seize Compound is an assembly lubricant combining the extreme pressure, corrosion resistant anti-seize abilities of colloidal nickel and graphite in an oil suspension which will withstand temperatures up to 1425°C (2600°F). The product seals and protects metal parts under extreme conditions by providing an ultra-thin coating of particles. The particles form an anti-friction barrier that will not burn, wash or scrape off. The barrier formed prevents pitting from the galvanic action between dissimilar metals that could occur if the metals were not separated. Because nickel is a hard metal, it will withstand severe pressures without flattening or hardening. The microscopic asperities on metal parts do not come in contact as the ultra-fine nickel particles fill surface irregularities and keep them separated. Chesterton 772 Premium Nickel 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. 772 Premium Nickel Anti-Seize Compound will not wash off in either fresh or salt water. It can be used indoors, outdoors and in marine applications. The product meets MIL-A-907F

**Features:** Ultra-Fine Particle Size  
Withstands Extreme Pressure  
Corrosion Resistant  
Meets MIL A-907F  
Certified lot analysis  
Effective at 1425°C (2600°F)  
Applicable where use of copper is prohibited  
Water Resistant  
GE TIL 1137-3R1  
GE D50YP12  
GE NEDC-31735P

**Applications:** Eases mechanical assembly of bolts, studs, flanges, press fits, pump sleeves, valve stems, screws, bushings, gaskets, bearings, etc. Eases disassembly by preventing seizure and inhibiting rust and corrosion up to 1425°C (2600°F). Saves threads and parts for reuse by preventing galling damage and breakage during opening. Use on steel and stainless steel, iron, aluminum, copper, brass, titanium etc. in the automotive and chemical industries, in foundries, utilities, and refineries. Should not be used on oxygen systems.

Information provided by Chesterton

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chesterton-772-Premium-Nickel-Anti-Seize-Compound.php](http://www.lookpolymers.com/polymer_Chesterton-772-Premium-Nickel-Anti-Seize-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.47 g/cc	1.47 g/cc	
Particle Size	4.0 - 7.0 µm	4.0 - 7.0 µm	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	100	100	ASTM D2596, DIN 51 350
	101500	101500	[psi]; ASTM D2596, DIN 51 350
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	ASTM D2596, DIN 51 350
Penetration	330	330	ASTM D217, ISO2137
K Factor (Wear Factor)	0.16	0.16	Skidmore - Wilhelm Method

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1425 °C	2597 °F	
Dropping Point	>= 316 °C	>= 601 °F	ASTM D566, ISO2176

Descriptive Properties	Value	Comments
Color	Black	
Consistency	1	NLGI
	Soft Paste	
Water Washout Resistance	0.026	@ 79°C, ASTM D1264

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China