

## TECHNICAL DATA

2013

### Description

GASOILA® Thred Gard Copper Anti Seize is a premium anti-seize compound composed of pure copper flake and large flake graphite in a heat resistant carrier fortified with rust and corrosion inhibitors to resist seizing, galling and patina. It is also water resistant.

GASOILA® Thred Gard Copper Anti Seize provides a shield against metal-to-metal contact, preventing seizure and corrosion. It fills irregularities and imperfections and resists cold welding, hardening, or setting. GASOILA® Thred Gard Copper Anti Seize provides low friction and cushions impact and shock loads. Low shear between particles reduces stick-slip, allowing quick disassembly with minimum wrench torque. It will not squeeze out of the threads, gum up, or wash off. Remains on threads after assembly.

### Type

A copper and graphite fortified high heat grease.

### Typical Uses

All nuts and bolts, bushings, centers, cams, rollers, conveyors, couplings, dies, drills, taps, fittings, flanges, gears and motors, keyways, press fits, pumps, shafts, sleeves and slides, spark plugs.

### Substrates

All metals.

### Packaging

¼, ½, 1 pound brush top containers. 9lb & 20lb. pails

**Wt/Gal:** 9lbs.

### Safety

Contains no lead, not a skin sensitizer, non-corrosive. Read all information on label & MSDS prior to use. All Products should be tested & evaluated for a particular purpose prior to use. See Warranty Statement in our catalog or on our website.

### Shelf Life

One year in original containers, when stored at room temperature at or below 80°F (27°C)

### Color

Copper

### Clean Up

Skin: Under normal usage removal from skin with hand cleaner or soap and water.

**For Chemical Emergency, Spill, Leak,  
Fire, Exposure or Accident Call:**

**CHEMTREC - Day or Night. 1-800-424-9300**

**KEEP OUT OF THE REACH OF CHILDREN**

## Product Data Sheet

### Characteristics:

#### Temperature Range

-65°F (-54°C) to 1800°F (982°C)

Conforms to MIL-PRF-907E

Service rating: -65°F (-54°C) to 1800°F (982°C).

Contains no lead or zinc.

Lowers friction; reduces wrench torque.

Permits reuse of fittings; saves stud, bolt, and nut replacement. Not affected by contraction, expansion, or vibration.

Will not run, drip, or settle out.

#### SPECIFIC GRAVITY:

1.16 (9.7 lbs / gal)

#### OIL SEPARATION:

(ASTM D-6184) <3.0

#### DROPPING POINT:

(ASTM D-566) 450°F (232°C)

#### FLASH POINT:

(ASTM D-92) >450°F (232°C)

#### COPPER STRIP CORROSION:

(ASTM D-4048) 1A

#### PENETRATION:

@ 77°F (ASTM D-217) 310 - 330

4-Ball (ASTM D-2596)

Weld Point, kgf 700

Load Wear Index 115

The information presented is in good faith, but no warranty is given, nor are results guaranteed. Federal Process has no control over physical conditions surrounding application conditions. Federal Process disclaims any liability for untoward results.



CLEVELAND, OHIO | 216.464.6440 • 800.846.7325

**www.gasoila.com**

MSDS Sheets Available Online

#DS-C