

# BOSS® 505 and 605 Copper Anti-Seize Compounds

### TYPICAL PROPERTIES

Color .....	Copper
Consistency .....	Paste-like
Friction Coefficient .....	0.1
Penetration, ASTM D-217-60T, unworked .....	310-32
Penetration, ASTM D-217060T, worked, 100-3,000 stroked .....	320-33
Specific Gravity .....	1.2
Oil Separation, 30 hrs. at 158°F .....	2
Flash Point, ASTM D-92-57 (IP36/65) .....	Over 350°F
Percent through 325 mesh screen .....	9

\*Information on this data sheet is subject to change without notice and should not be used for writing specifications.  
For additional information on specific applications, contact Accumetric, LLC



### DESCRIPTION

**BOSS® 505** and **605** Copper-Base Anti-Seize Compounds are top quality compounds composed of fine copper powder and graphite in a high heat organic carrier designed to protect threaded connections and flanges at temperatures up to 1800°F and extreme pressure conditions in excess of 3,000 psi. **BOSS® 505** and **605** Copper-Base Anti-Seize Compounds positively prevent seizing and galling while protecting against pitting, rust and corrosion.

**BOSS® 505** and **605** Copper-Base Anti-Seize Compounds do not separate. They are non-dripping, non-hardening compounds, permitting quick, easy disassembly or removal of connections, even after lengthy service under severe conditions. Stress, strain and time to disassemble are greatly diminished. By applying **BOSS® 505** or **605** Copper-Base Anti-Seize Compound, wrench torque is reduced to a minimum allowing the initial connection to be drawn to a greater degree of tightness, yet threads and parts are protected from galling and breaking, allowing them to be reused many times over.

### FEATURES

**BOSS® 505** and **605** Copper-Base Anti-Seize Compounds:

- Speed up assembly and disassembly of parts
- Protect against rust
- Prevent breakage during disassembly after exposure to high temperatures
- Prevent seizing and swelling together of metal parts
- Can be used as a tapping compound
- Reduce burning off and replacement of studs
- Resist salt water corrosion

## SPECIFICATIONS

**BOSS® 505** and **605** Copper-Base Anti-Seize Compounds exceed military specification MIL-A-907D.

## USES

- All nuts and bolts
- Bushings
- Centers
- Cam rollers
- Slow moving bearings
- Compressors
- Conveyors
- Couplings
- Dies
- Drills
- Fittings
- Gears
- Generators
- Key-ways
- Motors
- Packings
- Pressfits
- Pumps
- Shafts
- Sleeves
- Slides
- Taps
- Turbines
- Valves
- Wristpins
- Etc.

**BOSS® 505** and **605** Copper-Base Anti-Seize Compounds are composed of extremely fine copper powder and a high quality graphite dispersed in a high temperature organic carrier which has been fortified with corrosion inhibitors and extreme pressure additives.

Solid Lubricants ..... 36%  
Carrier ..... 64%

**BOSS® 505** and **605** Copper-Base Anti-Seize Compounds do not require mixing and do not settle, harden or separate.

## PACKAGING

**BOSS® 505** is available in 4 oz., 8 oz., and 16 oz. brush top cans. **BOSS® 605** is available in a 12.5 oz. aerosol can.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

# **BOSS® PRODUCTS**

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