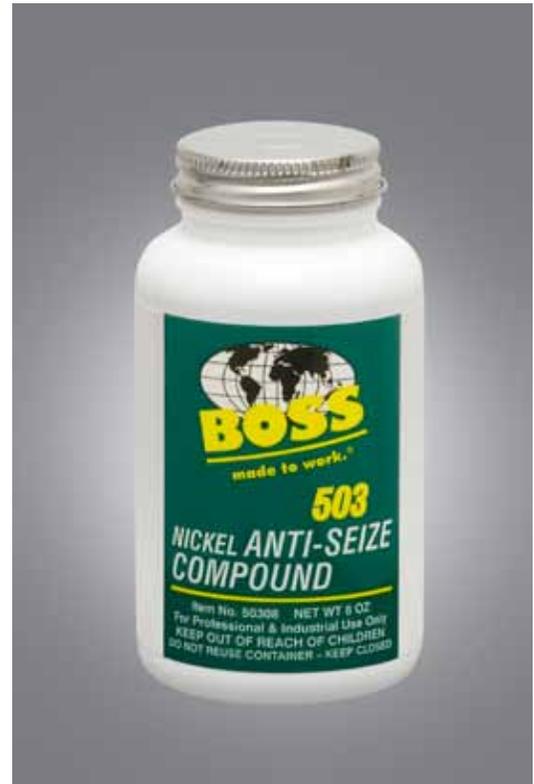


BOSS[®] 503 Nickel Anti-Seize Compound

TYPICAL PROPERTIES

Color.....	Silver Grey
Penetration.....	320
N.L.G.I. Grade.....	1
Weight per gallon.....	10.3 lbs.
Drop Point.....	None
Flash Point: C.O.C.....	425°F
Particle Size.....	1 Mil Max
Coefficient of Friction (Shell 4 Ball Method).....	0.085
Specific Gravity.....	1.2
Service Temperature.....	-65°F to 2600°F
Application Temperature.....	-30°F to 140°F

*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[®] 503 Nickel Anti-Seize Compound is a smooth, non-separating formula consisting of a semi-synthetic, non-melting grease base containing very fine metallic particles of pure nickel and aluminum as well as graphite lubricants and corrosion fighting inhibitors. This high performance grease and solid additives provide extreme pressure lubricating properties that prevent galling and cold welding and at the same time prevent water wash out and galvanic pitting from electrolysis of road salt, acid rain or salt water.

BOSS[®] 503 Nickel Anti-Seize Compound is non-hardening and has exceptional thermal stability. The particles present are inert and will not evaporate at extreme temperatures. Their heat resistant qualities will prevent carbon fusion and seizure at temperatures up to 2,600°F. This anti-seize compound does not contain lead, copper or molybdenum disulfate compounds. **BOSS[®] 503** Nickel Anti-Seize Compound exceeds the requirements of MIL-A-907E.

FEATURES

- Protects and lubricates metal components to temperatures of 2600°F
- Contains no copper, lead or molybdenum disulfate components
- Prevents rust and corrosion
- Prevents galling and seizing

SPECIFICATIONS

BOSS® 503 Nickel Anti-Seize Compound exceeds requirements of MIL-A-907E.

APPLICATIONS

BOSS® 503 Nickel Anti-Seize Compound 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. **BOSS® 503** Nickel Anti-Seize Compound is also used where metals such as copper cannot be present, such as in caustic ammonium or high acidity processing plants. This product can be used on the following parts: bushings, gears, valve stems, chains, sprockets, levers, hinge pivots, rollers, heat exchanger bolts, manifold bolts, gasket release agent.

HOW TO USE

Surfaces need not be cleaned before application unless grit or low quality oil/grease is present and ultimate performance is required.

1. Apply **BOSS® 503** Nickel Anti-Seize Compound to surfaces requiring protection.
2. Reassemble parts as normal.
3. Wipe off excess material. Parts may be put in service immediately.

CLEAN UP

Spilled silicone greases and compounds will cause slippery conditions. Wipe up and clean spills immediately to prevent possible injury.

Silicone greases and compounds may be cleaned with the use of hydrophobic solvents (non-polar) such as chlorinated ethanes, toluene, hexane or mineral spirits. They are generally unaffected by hydrophilic solvents (polar) such as alcohols, ketones, ethers or water.

Whenever solvents are used, all proper safety precautions must be observed. It is advisable to consider all solvents as toxic and use them only in well ventilated areas with proper protective equipment such as goggles, gloves, clothing and respirators. Avoid prolonged exposure to solvents. Be aware of their flammability status.

Consult applicable OSHA, EPA and other federal, state and local regulations on the use and disposal of solvents.

Make sure that the choice of solvent does not affect the substrate that is being cleaned.

LIMITATIONS

Do not use with highly oxidative chemicals such as liquid oxygen, chlorine or peroxides.

PACKAGING

BOSS® 503 Nickel Anti-Seize Compound is available in 8 Oz. brush top cans.

SHIPPING LIMITATIONS

None

Nonreactive VOC 49.5 g/l (<5% wt)

CAUTION

Do not take internally. Wash with soap and water after handling or exposure to skin. If eye contact occurs, flush eyes with clean water for 15 minutes. If ingested and conscious, drink large amounts of water and induce vomiting. If conscious or not, obtain immediate medical attention. Keep container closed when not in use. **KEEP OUT OF REACH OF CHILDREN.** For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 503** Nickel Anti-Seize Compound has a shelf life of 12 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. **DO NOT** stack cartons on their side. **NEVER** stack cartons more than 8 high. **DO NOT** store within 1 meter (4 feet) of roofline of the warehouse or storage building.

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.

Non-warranty: Because the storage, handling and application of the material is beyond Accumetric's control, we can accept no liability for the results obtained. Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

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

MADE IN U.S.A.

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