

BOSS® 503 Nickel Anti-Seize Compound

TYPICAL PROPERTIES

Color	Silver Gray
Temperature Range	-65°F to 2,600°F
N.L.G.I Grade	1
Specific Gravity	1.2
Weight per gallon	10.3 lbs.
Penetration	270 ± 20
Drop Point	380°F
Flash Point: C.O.C.	500°F
Particle size	1Mil Max
Coefficient of Friction	0.085 (Shell 4 Ball Method)

*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 is a smooth, non-separating formula consisting of a lithium soap thickened grease into which is compounded 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 is non-hardening and has exceptional thermal stability. The particles present are inert and will not evaporate at extreme temperatures and 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 exceeds the requirements of MIL-A-907E.

USES

BOSS® 503 Nickel Anti-Seize 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 is also used where metals such as copper cannot be present, such as in caustic ammonium or high acidity processing plants.

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

This product can be used on the following parts:

- Bushings
- Gears
- Valve stems
- Chains
- Sprockets
- Levers
- Hinges pivots
- Rollers
- Heat exchanger bolts
- Manifold bolts
- Gasket release agent
- Etc.

NOTE: This product is not recommended for pure oxygen.

PACKAGING

BOSS® 503 is available in 4 oz., 8 oz., and 16 oz. brush top cans.

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

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701
800-928-BOSS(2677)
270-769-3385 FAX 270-765-2412
www.accumetricinc.com