

METAL-FREE 2000™

Anti-Seize & Lubricating Compound

Product Description

Metal-Free 2000™ is a non-metallic, lead free, heavy duty anti-seize lubricating compound. A blend of extreme-pressure additives, water-resistant properties, and rust and corrosion inhibitors in a high-performance carrier to provide protection to 2400°F (1315°C). **Metal-Free 2000™** is used in all industries where corrosion, extreme heat, and pressure are major factors.

Features & Benefits

- Environmentally safe
- Withstands extreme pressure conditions
- Has no hazardous ingredient per OSHA 29, CFR 1910.1200
- Lowers friction and reduces torque
- Compatible with stainless steel and nickel alloys

Applications include

- Marine applications where copper can not be used.
- Environmentally restrictive applications where metals must be avoided.
- Chemical processing
- Oil refineries
- Steel and metals fabrication
- Power generation

Composition

Solid Lubricants Graphite Molybdenum Disulfide	48%
Carrier plus Additive	52%

In general these compounds are composed of fine powders, dispersed in high quality, non-melting carrier that has been fortified with Anti-Oxidants, Corrosion Inhibitors.

Service Recommendations

-300° to 2400°F (-184° to 1315°C)
Not suitable for use with oxygen or chlorine

Clean up

Skin Contact: Under normal usage - removal from skin with soap and water.

Equipment: Mineral Spirit type solvents work best.

Typical Properties

Property	Value
Specific Gravity	1.40
Weight per gallon	1.5 LB
Penetration, D217-60T, 100-3000 Strokes	290 - 320
Oil Separation, 30 hr. at 158°F	<1%
Flash point, ASTM D-92-85 (IP 36/65)	475°F
Color	Dark Gray
Friction Coefficient	
Torque Coefficient "nut factor"	K Values 0.15 ± 0.02. Testing is required to determine the exact K values & specific performance on any individual fastener using the desired anti-seize compound.
Homogeneity	Will not settle, harden or separate under normal conditions.

Shelf Life

Anti-Seize Compounds have no change in consistency or appearance more than one year in a closed container. Guaranteed replacement one year from date of purchase. Shelf life may be longer depending upon storage location and conditions. Store with container covered in a cool dry place for optimum shelf life.

Cautions

Read all information on labels and Material Safety Data Sheets 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.

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

<u>5oz bt</u>	<u>8oz bt</u>	<u>15oz cart</u>	<u>1# bt</u>	<u>2 1/2# can</u>	<u>8# can</u>
20005	20010	20015	20018	20025	20030

<u>42# pail</u>	<u>130# keg</u>	<u>500#drum</u>
20050	20130	20425

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