



Technical Datasheet

HOLDIT CA500

Revised Date: January 2015

Description

HOLDIT CA500 Copper-Graphite Anti-seize paste consists of uniform, fine flaked particles in a special blend of lubricants and oils. It is ideal for use on a wide range of industrial products to prevent seizing, galling and excessive wear.

Applications

This versatile lubricant can be used on softer metal parts such as copper and brass, including plastics and on-metallic gaskets. HOLDIT CA500 allows studs, bolts, flanges, and gaskets to be removed more easily.

Instructions for Use

1. Ensure parts are clean and dry
2. Product is then brushed onto components, which provides instant protection.

Properties

Copper paste that lubricates, resists seizing and galling and helps defend against galvanic attack. This product also prevents excessive wear and corrosion.

Technical Features

Base	Synthetic Oils and Lubricants
Colour	Copper
Viscosity (Thixotropic)	120K – 175K (Paste)
Max. Operating Temperature	-53°C to 982°C
Shelf Life	18 months

Performance Data

Lubricity (K Factor)	0.16
Coefficient of Friction	0.85 @ 70°C
Meets Mil Spec	MIL-A-907E
Product Conformity	MIL-A-907E / MIL-PRF-907E
Product Conformity	GM-6108M

Note

HOLDIT CA500 Copper-Graphite Antiseize is a general purpose lubricant which provides a shield against high temperature seizing and galling and prevents excessive wear.

Health & Safety in Use

Because of solid content, use of gloves and goggles are recommended.



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Storage

HOLDIT CA500 should be stored in a dry cool area, out of direct sunlight in temperatures between -10°C and 30°C. Optimal Storage temperature is 22±4°C. This product has a 18 month shelf life from manufacture when stored at 22±4°C.

Presentation

HOLDIT CA500 is available in a 500gram Brush Top Can.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{mm} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{mPa}\cdot\text{s} = \text{cP}$