

**HOLDIT<sup>®</sup>****Technical Datasheet  
HOLDIT AA500***Revised Date: June 2011***Description**

HOLDIT AA500 Aluminium-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 nuts, bolts, screws, pipe threads, O-rings, shafts and hubs. Other applications include conveyor systems, gear boxes, chains, cams, u-joints, sprockets and tracking.

- Protects against rust and corrosion.
- Protects up to 871°C.
- Prevents seizing and galvanising to metals.
- Protects against harsh and corrosive environments.

**Instructions for Use**

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

**Properties**

Silver 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	Silver
Viscosity (Thixotropic)	120K-175K (Paste)
Max. Operating Temperature	-53°C to 871°C

**Performance Data**

Lubricity (K Factor)	0.18
Coefficient of Friction	0.07 @ 20°C
Coefficient of Friction	0.07 @ 760°C
Meets Mil Spec	MIL-A-907E
Product Conformity	GM-6108M

**Note**

AA500 Aluminium-Graphite Anti-Seize is not a high speed, load carrying lubricant and is not recommended for ball or roller bearings.

**Health & Safety in Use**

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

**ACTIVE & INACTIVE METAL TABLE**

<b>Super Active</b> Very Fast Cure	<b>Active</b> Fast Cure	<b>Inactive</b> Slow Cure	<b>Passive</b> Primer Necessary
Brass, Copper, Magnesium	Iron, Steel, Nickel, Aluminium	Stainless Steel, Titanium, Zinc, Anodized Aluminium, Galvanised Steel	Ceramics, Glass, Plastics, Painted Finishes



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**Storage**

HOLDIT AA500 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 AA500 is available in a 500gram Brush Top Can.

**Conversions**

- (°C x 1.8)+32 = °F
- N/mm x 5.71 = lb/in
- MPa x 145 = psi
- N/mm<sup>2</sup> x 145 = psi
- N x 0.225 = lb
- N·m x 8.851 = lb·in
- N·mm x 0.738 = lb·ft
- mPa·s = cP

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