Technical Datasheet
HOLDIT AA500

Revised Date: January 2015

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
Shelf Life	18 months

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
Product Conformity	MIL-A-907E / MIL-PRF-907E

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.

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/mm2 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