

TECHNICAL DATA

MOLYBOND ASSEMBLY PASTE (GA50)

Assembly Compound containing 50% Molybdenum Disulphide

Description

Molybond Assembly Paste (GA50) is an assembly compound containing 50% of molybdenum disulphide in a lithium based grease used as an anti-seize and anti-scuffing compound for metal parts which may reach temperatures up to 400°C.

Molybond Assembly Paste (GA50) has excellent anti-seize capabilities compared to nickel and copper based anti-seize compounds and is extremely effective in preventing fretting corrosion in closely fitted parts assembled using freezing or heating techniques.

Molybond Assembly Paste (GA50) can be used for mechanisms which may not be lubricated during service life.

Areas of application

- Heavily loaded slides or plain bearings
- Splines
- Door Hinges
- Roller door gear drives

Features

- Extremely high load capacity
- Meets DEF 2304 Specification
- Meets Defence Standard 80-81/1, designation ZX38
- Excellent anti-seize properties, suitable for use up to 400°C
- Temperature range -10°C to 150°C
- Does not contain copper, nickel, aluminium or graphite
- MPI approved C11

The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

Technical data

Appearance Black paste
 Lubricating Solids.....50% Molybdenum Disulphide
 Thickener..... Lithium
 Consistency Paste
 MoS₂ Purity DEF 2304
 Temperature Range -10°C to 150°C
 (May be used as an anti-seize to 400°C)

Directions for use

The product is usually applied by brush or dipping.

Storage and Shelf Life

Store in dry conditions between 10°C and 30°C, away from sources of heat and naked flames.
 Protect from frost.
 When stored in original sealed containers, the minimum shelf life is four (4) years.

Packaging

Molybond Assembly Paste (GA50) is available in 100g Tubes or 2.5kg Tins.

Ordering Information:

100g Tube	#RP501008
500 g Tin	#RP501066
2.5 kg Tin	#RP501072

Health & Safety Information

The product is non-hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website www.molybond.com.au .

AUSTRALIA

ITW Polymers & Fluids
 100 Hassall Street
 Wetherill Park NSW 2164
 Phone (02) 9757 8800 Fax (02) 9757 3855

NEW ZEALAND

ITW Polymers & Fluids
 Unit 2/38 Trugood Drive
 East Tamaki 2013, Auckland
 Phone (09) 256 2122 Fax (09) 256 2124