

## Molub-Alloy Paste TA

High temperature assembly paste

### Description

MOLUB-ALLOY™ PASTE TA (previously named Optimol™ Paste TA) for screw connections up to + 1100°C/+ 2012°F. It is used as assembly paste and prevents seizing, welding or scaling.

MOLUB-ALLOY™ PASTE TA ensures a good separating and sealing effect in high temperature and wet environments as well as under the influence of aggressive media.

### Application

For assembly of components subjected to corrosion and extreme temperatures, for example:

- Screws, bushes and valves.
- Flanged joints and threaded tube connections
- Positive-locking components.
- Seals, stuffing boxes and packaging.
- Light metal/steel friction surfaces.
- As basic or thin film lubrication for sliding surfaces under high thermal loads.

### Conditions of Use

- Clean surface. Apply an even layer of MOLUB-ALLOY™ PASTE TA with brush or lint-free cloth.
- To achieve a good sealing effect, apply MOLUB-ALLOY™ PASTE TA in sufficient quantity down to the thread root.
- Before assembly coarse contamination should be removed from the threads with a wire brush.
- MOLUB-ALLOY™ PASTE TA is only suited for paste-specific applications - it cannot replace oil or grease lubrication.

Please avoid mixing with other pastes, greases or oils.

### Advantages

- High load carrying capacity.
- Resistant to hot and cold water.
- Economical in use.
- Resistance to alkalis and acids.
- Good corrosion protection.
- Good separation ability.
- Easy application.

## Typical Characteristics

Name	Test Method	Units	Paste TA
Appearance	Visual	-	Silver coloured smooth paste
Base	-	-	Inorganic thickener / thermally stable solid lubricants
NLGI Number	-	-	1 - 2
Worked Penetration	ASTM D217 / ISO 2137	0.1 mm	295 - 310
Density @ 20°C / 68°F	Inhouse method	kg/m <sup>3</sup>	1340
Water Resistance @ 90°C / 194°F	DIN 51807	Rating	1
Flow Pressure @ 20°C / 68°F	DIN 51805	hPa	45
Flow Pressure @ -20°C / -4°F	DIN 51805	hPa	700

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

This product was previously named Optimol™ Paste TA. The name was changed in 2015.

Molub-Alloy Paste TA

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