Product Data

Molub-Alloy™ Paste TA Spray

Assembly Paste Spray

Description

Castrol Molub-Alloy™ Paste TA Spray (previously called Optimol™ Paste TA Spray) is an assembly paste aerosol with selected solid lubricants.

Application

Molub-Alloy Paste TA Spray is used for screw connections with temperatures up to +1100ºC. It is used as an assembly paste and prevents seizing, welding or scaling.
Molub-Alloy Paste TA Spray ensures a good separating and sealing effect in high temperature and wet environments as well as under the influence of aggressive media. It can be used for assembly of components subjected to corrosion, extreme temperatures and unfavourable environments such as: screws, bushes and valves; flanged joints and threaded tube connections; positive-locking components; seals, stuffing boxes and packings; light metal/steel friction surfaces.
It is also used as basic or thin film lubrication for sliding surfaces under high thermal loads. It has held USDA H2 authority.
The temperature range is from -40ºC to +1100ºC

Conditions of Use

- Molub-Alloy Paste TA Spray does not contain CFC gasses.
- Shake spray well before use. Hold spray can about 20cm (6 - 8 inches) from lubrication point to apply thin and even layer. Lubricate screws down to the root of the thread.
- For paste-specific applications - cannot replace oil or grease lubrication.

Advantages

- Economical in use
- High load bearing capacity
- Good separation ability and immediate lubricating effect
- Resistant to hot and cold water, limited resistance to alkalis and acids
- Good corrosion protection
- Easy application (spray)

Typical Characteristics

Name	Method	Units	Molub-Alloy Paste TA Spray
Colour	Visual	-	Silver - Metallic
Base	-	-	Inorganic thickener/ thermally stable solid lubricants
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m³	1340
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217 / ISO 2137	0.1 mm	325
Flow pressure @ 0ºC / 32ºF	DIN 51805	hPa	66
Water Resistance	DIN 51807-1	Rating	2

Subject to usual manufacturing tolerances.

This product was previously called Optimol Paste TA Spray. The name was changed in 2015

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