Product Data

Molub-Alloy™Paste HT

High temperature assembly paste

Description

Castrol Molub-Alloy™Paste HT (previously called Optimol™ Paste HT) is a copper-colored, high temperature assembly paste for thermally loaded screw connections and fits. The extraordinarily good separating ability at temperatures up to + 1100°C/ + 2012°F prevents burning, welding or scaling of connections even for extremely long periods of time.

Application

For screw connections and other connections in the high temperature range up to +1100°C/+2012°F.

- For fittings and instruments even when subjected to very high pressures, corrosion and thermal influences that require an assembly paste with excellent sealing properties.
- Temperature application range: - 30°C/- 22°F up to + 1100°C/+ 2012°F.

Conditions of Use

- Clean surface. Apply an even layer of Molub-Alloy Paste HT with brush or lint-free cloth.
- To achieve a good sealing effect, apply Molub-Alloy Paste HT in sufficient quantity down to the thread root.
- Before assembly coarse contamination should be removed from the threads with a steel brush.
- Molub-Alloy Paste HT is only suited for paste-specific applications - it cannot replace oil or grease lubrication.
- Please avoid mixing with other pastes, greases or oils.

Advantages

- Easy handling, soft and spreadable consistency.
- Extreme load-bearing capacity.
- Protects against corrosion and scaling.
- Prevents welding, seizing and burning.
- Excellent separating ability.
- Limited resistance to acids and alkaline solutions.
- Good sealing effect.

Typical Characteristics

Name	Method	Units	Molub-Alloy Paste HT
Appearance	Visual	-	Copper Coloured Smooth Paste
Base	-	-	Solid lubricants/grease-like carrier/ synthetic oil
NLGI Number	-	-	1
Worked Penetration	DIN ISO 2137	1/10 mm	300 - 330
Density @ +20°C	Inhouse method	kg/m³	1360
Water Resistance @ +90°C	DIN 51807	Assessment Stage	0
Erichsen Screw Test Total Friction	DIN EN ISO 16047	-	0.11

Subject to usual manufacturing tolerances.

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

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