



Optimol Paste HT

High temperature assembly paste

Description

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 OPTIMOL PASTE HT with drush or lint-free cloth.
- To achieve a good sealing effect, apply OPTIMOL PASTE HT in sufficient quantity down to the thread root.
- Before assembly coarse contamination should be removed from the threads with a steel brush.
- OPTIMOL 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

- OPTITEC™ - OPTIMOL technology.
- 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	Optimol Paste HT
Appearance	Visual		Copper Coloured Smooth Paste
Base			Solid lubricants/grease-like carrier/ synthetic oil
NLGI Number			2
Worked Penetration	DIN-ISO 2137	1/10 mm	265 - 295
Density @ +20°C	DIN 51757	g/ml	0.1363
Water Resistance @ +90°C	DIN 51807	Assessment Stage	0
Erichsen Screw Test Total Friction	DIN 946		0.11

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

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31 Aug 2012

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