



Optimol

Performance Lubricants

OPTIMOL PASTE HT

Copper-colored, separating paste for high temperatures

Product Data Sheet

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.

APPLICATIONS

- 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

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

NOTES FOR USE

- Clean surface. Apply an even layer of OPTIMOL PASTE HT with brush 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

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Typical data

	Unit	Value	Test method
PASTE HT	-	-	-
Article no.	-	09449	-
Color	-	Copper colored	visual
Base	-	Solid lubricants/grease-like carrier/synthetic oil	-
NLGI grade	-	2	DIN 51818
Worked penetration	0.1 mm	265 - 295	DIN ISO 2137
Density at + 20°C/+ 68°F	g/cm ³	1.363	DIN 51757
Water resistance at + 90°C/+ 194°F	-	0	DIN 51807 T. 1
Erichsen screw test Total friction	-	0.11	DIN 946

These technical data are based on average test results. Minor deviations may occur from case to case.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.

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