Product Data

Optimol Paste TA

Silver-colored high temperature paste for screw connections

Description

OPTIMOL™ PASTE TA for screw connections up to + 1100°C/+ 2012°F. It is used as assembly paste and prevents seizing, welding or scaling. OPTIMOL 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, extreme temperatures and unfavorable environments such as - 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
- Temperature application range - 40°C/-40°F to + 1100°C/+ 2012°F

Advantages

- OPTITEC® - CASTROL OPTIMOL technology
- High load carrying capacity
- Resistant to hot and cold water
- Immediate lubricating effect
- Economical in use
- Limited resistance to alkalis and acids
- Good corrosion protection
- Good separation ability
- Easy application (spray)

Typical Characteristics

Name	Method	Units	Optimol Paste TA
Colour	Visual	-	silver-metallic
Thickner type	-	-	inorganic thickener/thermally stable solid lubricants
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137 / ASTM D217	0.1 mm	295-310
Density @ 20°C / 68°F	ASTM D4052	kg/m³	1340
Water Resistance	DIN 51807-1	Rating	1-2
Flor pressure @ 20°C / 68°F	DIN 51805	mBar	45
Flow pressure @ -20°C / -4°F	DIN 51805	mBar	700

Subject to usual manufacturing tolerances

Additional Information

- Clean surfaces before application.
- Apply even layer of OPTIMOL PASTE TA with a brush or a lint-free or leather cloth.
- Shake spray well before use. Hold spray can about 20 cm (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.
- In spray cans: OPTIMOL PASTE TA SPRAY.

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