

Castrol 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

Test	Method	Unit	Value
CASTROL OPTIMOL PASTE	-	-	TA
Colour	visual	-	silver-metallic
Base	-	-	inorganic thickener / thermally stable solid lubricants
NLGI consistency	DIN 51818	-	1 - 2
Worked penetration Pw 60	DIN ISO 2137	0.1 mm	295 - 310
Density at +20°C/+68°F	DIN 51757	kg/m ³	1340
Water resistance at +90°C/+194°F	DIN 51807 T. 1	-	1 - 2
Flow pressure at + 20°C at - 20°C	DIN 51805	hPa	45 700

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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