

# TECHNICAL DATA SHEET

TDS 600 / Index 03 - 03/06/2015





# TM 900 S ANTI-SEIZING PASTE WITH COPPER

# **PREVENTS SEIZING**

# **DEFINITION**

Anti-seizing, mounting and assembly paste for surface treatment and greasing with copper.

Can also be used on any surface where there is a risk of seizing and corroding. Holds up in high temperatures. Enables easy dismantling even after many years.

# **ADVANTAGES**

Facilitates mounting and dismantling of metal assemblies.

Reinforced anti-corrosion properties.

Excellent thermal conductivity. Good electrical conductivity.

Protects from electrical arcs.

Prevents wear caused by corrosion.

Can be used in humid environments thanks to its inorganic thickening agent (demonstrates no tendency to emulsify)

Certified by NATO

# APPLICATION FIELDS

Paste created to address problems associated with mechanisms seizing and bolting in steelworks; industry-recognised for its exceptional performance.

Easily open and close steel ladle nozzles, rotary nozzles and sliding gates in steelworks,

Treat tooling, axles and rollers;

Glass industry, brickyards, cement works, etc.;

Metal frames.

Can be used for mounting turbine bolts

Note: This paste should be used only for static or slow-moving mechanisms.

# TECHNICAL CHARACTERISTICS

Worked penetration after 60 strokes (NFT 60 132) 310/340

Nature of additives ...... pure micronised lamellar copper Operating temperature ...... -40°C to +1100°C (dry lubrication)

#### 2/2

## Manufacturing site and registered office

Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE Tél. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 - www.orapi-maintenance.com

ORAPI ® cannot be expected to know all applications in which its products are used or their conditions of use. ORAPI ® shall not be held responsible: for the suitability of its products for a given use or specific purpose, for the methods of application over which it has no control. The information contained in this technical data sheet can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each intended application. The user of the product described in this technical data sheet is solely responsible for all measures required to protect people and property from hazards that may arise from the implementation and/or use of this product. Therefore, ORAPI ® renounces any implicit or explicit guarantees, including guarantees relating to marketability or suitability for a certain purpose, resulting from the sale or use of its products. In particular, ORAPI ® renounces any claims for incidental or consequential damages whatsoever, including financial operating losses.



# TECHNICAL DATA SHEET

TDS 600 / Index 03 - 03/06/2015

# **TECHNICAL CHARACTERISTICS - continued**

Drop point (NFT 60 102) ..... none NLGI Grade ...... 1 Dielectric conductivity ...... 2.25.10<sup>8</sup> Ω<sup>-1</sup>m<sup>-1</sup> Classification HMIS Rating (H-F-R) ..... 0-0-1

## INSTRUCTIONS FOR USE

Only use for slow-moving mechanisms, in corrosive environments and in high temperatures. Clean parts before applying paste. Do not mix with another paste.

Apply paste in thin layers on the parts to be treated before mounting.

If using the aerosol product, shake well before using.

# **PACKAGING**

650 ml aerosol	Ref. 4600 A4	x 12
200 g tube	Ref. 3600 T4	x 12
400 g cartridge	Ref. 3600 C4	x 12
250 ml tin with brush	Ref. 3600 B4	x 6
1 kg box	Ref. 3600 B7	x 6
25 kg drum	Ref. 3600 O2	x 1
180 kg drum	Ref. 3600 U1	x 1

# Manufacturing site and registered office

Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE Tél. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 - www.orapi-maintenance.com