



TECHNICAL DATA SHEET

2015

ANTI-SEIZE PASTE

LUBRICANT, ANTI WEAR AND ANTI CORROSION

DEFINITION

Mounting and assembly paste for surface treatment, developed to meet the needs of most companies. Protects against corrosion, seizing and wear caused by micro-movements and inclement weather. Withstands very high temperatures, and allows easy disassembly.

ADVANTAGES

- Improved anti-corrosive power
- Avoids wear
- Contains an inorganic thickening agent, which enables work in humid environments

APPLICATION FIELDS

- Easily open and close steel ladle nozzles, rotary nozzles and sliding gates in steelworks,
 - Treat tools, axles and rollers
 - Glass industry
 - Brickyards
 - Can be used for mounting turbine bolts
 - 2015 Anti-seize paste is electro-conductive.
 - Avoids galling, pitting and fretting corrosion
- This paste can only be used in static applications or for very slow movements, especially on assemblies that need to be disassembled easily.

TECHNICAL CHARACTERISTICS

Colour.....	black
Nature of thickening agent.....	inorganic
Nature of additives	NANOLUBRICANT®
Operating temperature	-20°C to +150°C
.....	-40°C in thin layer
.....	+300°C in dry lubrication
.....	+1000°C in dry lubrication (without oxygen) Drop
point (NFT 60 102).....	none
NLGI grade	0/1
Penetration	330-360
NLGI grade at -40°C.....	6
4-ball EP test	600 kg
Extreme pressure	0.65 mm
Density	1.03
Friction coefficient.....	< 0.05
CO ₂ aerosol with 97% active product.	

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NANOLUBRICANT®: the high-performance technology. Increases the lifetime of each lubrication and the resistance to load. Reduces wear, energy consumption and friction. Avoids false Brinelling, welding risks and all types of corrosion due to the REBINDER effect.

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INSTRUCTIONS FOR USE

To be used only in cases of very slow movements at high temperatures or in extremely demanding climate conditions.
 Clean parts beforehand where product is to be applied.
 Apply to the parts to be treated before assembly in thin layers. For aerosols, shake well before using.

STORAGE

No special storage conditions are required.

PACKAGING

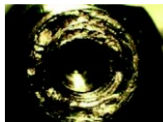
Aerosol 650 ml	ref 42015A4
200 g tin with brush	ref 32015B3
1 kg box	ref 32015B7
5 kg bucket	ref 32015S1

PROOF FROM TESTING

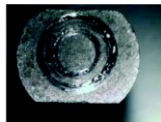
This product was developed based on research and the results obtained by the Ecole Centrale de Lyon – LTDS and the INS Laboratory on Nano-particles.

	COPPER	ALUMINIUM	GRAPHITE	NANOLUBRICANT 2015
Breakaway Torque on a bolt after 18 months under temperature constraints	60 N.m	30 N.m	20 N.m	10 N.m
According to the BRIDGMAN test, an assembly can be dismantled without being damaged after:	6 months	12 months	18 months	180 months (15 years)

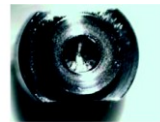
**BRIDGMAN RESULTS
SEIZING PERFORMANCESCALE**



Standard copper paste.
Metal damage very visible = GALLING



Graphite paste.
Metal wear.



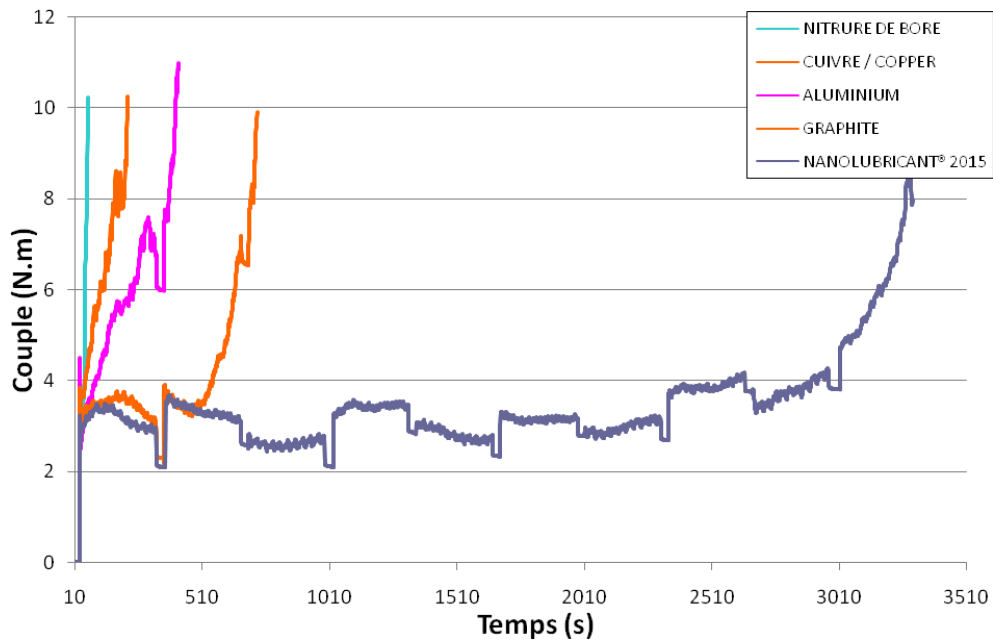
NANOLUBRICANT 2015 paste.
Polished metal.

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BRIDGMAN TEST
On different pastes



Normal scale

Torque (N.m)
BORON NITRIDE
COPPER
ALUMINIUM
GRAPHITE
Time(s)

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