



GRN

MOUNTING AND ANTI-SEIZING PASTE HALOGEN-FREE GRAPHITE

DESCRIPTION

Anti-seize graphite-based paste of nuclear quality for threads. Chlorine-free, sulphur-free and fluorine-free anti seize paste, stable at high temperatures. Facilitates the running-in and dismantling of parts.

APPLICATIONS

GRN is recommended for the following applications:

- Nuclear plants, power stations, radiotherapy and radiodiagnosis equipment, or all other equipment subjected to ionizing radiation.
- Can be used in very high temperature situations and humid environments.
- Protection of cylinder head stay rods, lubrication of taps and valves.
- Cylinder head bolts, manifold bolts and gaskets, flange gaskets, valves, burners, low-speed roller bearings, plain bearings.
- Lubrication when an electrically conductive lubricant is required.
- Effective on all types of metals: STAINLESS STEEL, steel, galvanised steel, aluminium, brass, etc.

PRODUCT BENEFITS

- Improves anti-seizing power.
- Facilitates the assembly and dismantling of metal assemblies subjected to aggressive environments (humidity, heat, aggressive chemicals, etc.).
- Very good resistance to heat and humid environments.
- Excellent electrical conductivity.
- Protects treated assemblies against corrosion.
- Facilitates running in of mechanical assemblies.
- Facilitates dismantling of treated assemblies even after several years of exposure to various harsh chemicals or environments.
- Its low sulphur, fluorine, and chlorine content is guaranteed through systematic controls of each batch, which guarantees and improves its lubricating, anti-corrosion properties.
- **PMUC APPROVALS** : no. 04016.

PHYSICAL PROPERTIES

| | |
|--|--|
| Colour | Black |
| Texture | Smooth |
| Drop point..... | None |
| Penetration at 25° C | 265-295 |
| NLGI grade..... | 2 |
| Operating temperature range | - 80° C to + 250° C (900° C for dry lubrication) |
| Graphite content..... | 20 % |
| Chlorine, Sulphur, Fluorine content..... | < 200 ppm |



DIRECTIONS FOR USE

Apply **GRN** with a fine or large brush or sprayer prior to assembly, onto clean and degreased parts. Clean the parts with a PMUC degreaser (**ORAPI 517 - A 62 NU**) then apply the **PATE GRN**. For threaded assemblies, a fine coat must be applied to the entire surface. For screw / nut assemblies, the paste must be applied evenly on the male part so as to completely fill the threading. Bearings* must be filled with the paste to 2/3 of the maximum. When assembly is complete, wipe away the excess **GRN**.

*Only recommended for bearings that turn at low speeds.

STORAGE & SAFETY

Store in closed original packaging, sheltered, without any specific storage condition. The product is not hazardous under normal conditions of use.

For further information, please consult the Materials Safety Data Sheet.

PACKAGING

| | |
|---------------------|-----------------|
| Aerosol 650 ml x 12 | (ref: O-613-A4) |
| Tube 200 g x 12 | (ref: O-613-T4) |
| Tin 500 g x 6 | (ref: O-613-B6) |

WARRANTY

The information contained herein is presented without guarantee or warranty and the Seller disclaims any liability incurred from the use thereof. Nothing contained herein is to be construed as a recommendation for any use in a commercial process not controlled by the Seller, nor for a use which is in violation of any existing patent, foreign or domestic, or of applicable laws and regulations. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEPT AS EXPRESSLY STATED IN SELLER'S SALES CONTRACT OR SALES ACKNOWLEDGEMENT FORM.