



# G.A. N°850 EP-000

## GREASE FOR CENTRALIZED GREASING SYSTEMS AND GEARBOXES (REDUCERS)

## DESCRIPTION

Very fluid grease based in mineral oil and lithium soap with anticorrosive and E.P. additives.

## **APPLICATIONS**

#### **Centralized Systems**

Specially designed for those installations with extended area or small diameters avoiding the risk of blockade

#### **Gearboxes (reducers)**

Recommended as long life lubricant in medium size reducers working with grease or whenever a high sealing capacity is needed.

#### BENEFITS

- High lubricating and anticorrosive power
- Very fluid and pumpable
- High mechanical and chemical stability

- Wide range of operating temperatures
- Water resistant
- Resists heavy loads
- High adherence
- Good resistance to shearing

### **INSTRUCTIONS FOR USE**

- By pumping in centralized systems
- For heavy loaded gear boxes, control level frequently and change lubricant after approx. 8.000 operating hours.

## CAUTIONS

- The usual ones when handling and using lubricants.
- Avoid grease excess as well as too frequent relubrication cycles.
- Keep the can closed to avoid contamination.
- Do not mix with different nature greases.

## **PHYSICAL – CHEMICAL CHARACTERISTICS**

| NLGI consistency class  | 000                                |
|---|------------------------------------|
| Thickener (soap type)   | Lithium                            |
| Base oil nature   | Mineral                            |
| Penetration at 25°C, (0,1mm)  | 445 – 475                          |
| Worked penetration at 60W, (0,1mm)  | 445 – 475                          |
| Worked penetration at 10 <sup>5</sup> W, (0,1mm)  | Max. + 40                          |
| Drop point, (°C)  | Min. 165                           |
| 4-ball-test<br>Welding load, (kg)<br>Wear diameter, 1'/80kg, (mm)<br>Wear diameter, 1h/40kg, (mm) | Min. 250<br>Max. 0,45<br>Max. 0,45 |
| Oxidation stability, 100h/100°C, (bar)  | Max. 0,45                          |
| Copper corrosion 24h/100°C  | Max. 1 b                           |
| Operating temperatures, (°C)  | -20 to 120                         |

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The information contained in this document faithfully reflects our present technical knowledge, besides it provides a suitable description of the product characteristics and enumerates the different applications the product can be suitable for. In any case, the user will have to make sure of the adjustment of the product for each particular use. Brugarolas S.A. reserves the right to make modifications in the products after the date of edition of the present document in order to improve its quality and optimize its output. The values of the given physic-chemical characteristics are typical values. The specification sheets in force are at your disposal for each of the products.