

# Brugarolas



Industrial Lubricants



HIGH PERFORMANCE GREASES

# PELLET PRESS LUBRICATION



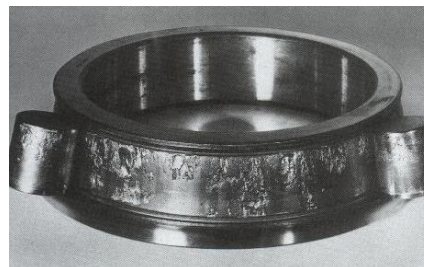
## INTRODUCTION

Machines related to pellet manufacturing need to use suitable lubricants in order to achieve the maximum level of productivity with the minimum maintenance costs. As many others, this is an industry sector which has an increasing demand and also with high levels of competitiveness.

Bearings used in the pressing area depend on the type and material status which will be pelletized, and they can suffer:

- Very high requirements in terms of lubrication
- High pressure
- High friction levels
- Lubricant pollution

These four factors combined make the pellet press lubrication a complex lubrication issue which generates premature breakage, friction problems, excessive number of failures, big wear, etc. which considerably affect productivity and maintenance costs.



## SOLUTIONS

**Brugarolas S.A.** is very sensitive to all these problems so we work and research in the most suitable solutions related to lubrication for pellet press bearing (pellets for animal feeding as well as wooden pellets, glass ones, etc.) in which cases the process complexity may be even higher.





**LUBRICATING GREASES RANGE**

|                              | NLGI | Thickener          | Base Oil | Welding Load (Kgs) | Application                    |
|------------------------------|------|--------------------|----------|--------------------|--------------------------------|
| G.A. PLEX-1                  | 1    | Lithium Complex    | Mineral  | >450               | High Loads                     |
| G.A. PLEX-2                  | 2    |                    |          |                    |                                |
| G. BESLUX PLEX BAR M-1/2     | 1/2  | Barium Complex     | Mineral  | >350               | High loads with heavy humidity |
| G. BESLUX SULPLEX H-1/2 PLUS | 1/2  | Calcium sulphonate | Mineral  | >700               | Loads with heavy humidity      |

| FOOD GRADE GREASES      | NLGI | Thickener          | Base Oil  | Welding Load (Kgs) | Application                    |
|-------------------------|------|--------------------|-----------|--------------------|--------------------------------|
| G. BESLUX ATOX H-1/2    | 1/2  | Aluminium Complex  | Synthetic | >400               | High Loads                     |
| G. BESLUX PRESS MILL SX | 1/2  | Calcium Sulphonate | Synthetic | >500               | High loads with heavy humidity |

**APPLICATIONS / EQUIPMENT**





Pellets industry is an specific sector that requires lubricating products specially developed for this activity which meet the most severe quality requirements.

Brugarolas SA carries out deep investigation, develops and manufactures special lubricants of high performance in order to meet the highest efficiency and safety levels in this sector. In order to do so, Brugarolas SA owns its own R+D laboratory and a professional human team highly qualified who studies and designs optimal formulations to face severe working conditions that happen in the metal industry.

In this portfolio you will find some details of only a few products developed for this important industry and their applications.

Brugarolas SA manufactures and supplies lubricants all over the world meeting the most severe quality requirements systems according to ISO standards: **IQNET ISO 9001, ISO 9001 and ISO-TS 16949.**



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