

# Brugarolas



Industrial Lubricants



HIGH PERFORMANCE GREASES

## PELLET PRESS LUBRICATION



## INTRODUCTION

Pellet manufacturing machinery require the use of specific lubricants in order to obtain the highest performance with the least wear damage and thus, maintenance costs. This industry is submerged in an increasing demanding sector with high levels of competitiveness.

Bearings used in the pressing working area rely on the kind and state of the material which will be pelletized. These bearings are exposed to:

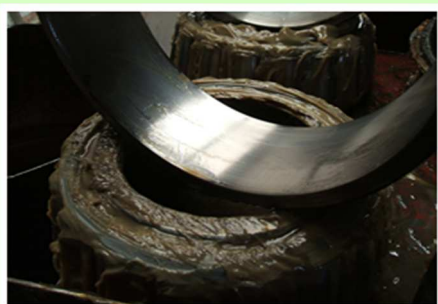
- High pressure and friction conditions.
- Abrasive agent pollution.
- Water
- Acids

The combined effect of these four factors make pellet press lubrication extremely complicated, a process that may for example lead to early structural bearing damage, friction problems, functioning failures etc. These unwanted effects have a direct impact on the productivity of the machines and the maintenance costs.



## SOLUTION

**Brugarolas** is very aware of these undesired effects and is constantly looking for, and developing solutions for pellet press bearings (especially pellets for animal feeding as well as wood pellets, glass pellets, etc.) where the difficulty of the process can be even higher.





## RANGE OF LUBRICATING GREASES

Lubricating grease	NLGI	Thickener	Base oil	Welding load (Kg)	Main characteristics
G.A. PLEX-1	1	Lithium Complex	Mineral	>450	Heavy loads, automatic or manual greasing
G.A. PLEX-2	2				
G. BESLUX PLEX BAR M-1/2	1/2	Barium Complex	Mineral	>350	Heavy loads with high humidity
G. BESLUX SULPLEX H-1/2 PLUS	1/2	Calcium Sulphonate	Mineral	>700	Heavy loads with high humidity

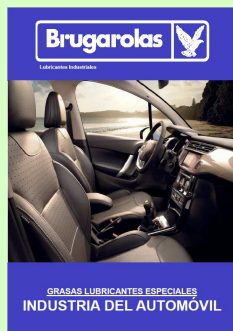
Food grade grease NSF	NLGI	Thickener	Base oil	Welding load (Kg)	Main characteristics
G. BESLUX ATOX H-1/2	1/2	Aluminium Complex	Synthetic	>400	Heavy loads and excellent lubricating properties
G. BESLUX PRESS MILL SX	1/2	Calcium Sulphonate	Synthetic	>500	Very heavy loads and high humidity
G. BESLUX SULPLEX FG 2212	1/2	Calcium Sulphonate	Semi-Synthetic	>700	Heavy loads, anticorrosive properties, automatic or manual greasing



## APPLICATIONS / EQUIPMENT



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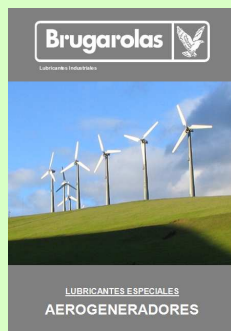
Automotive industry



Steel industry



Railway industry



Wind mills



Mining



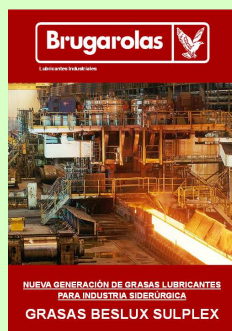
Paper industry



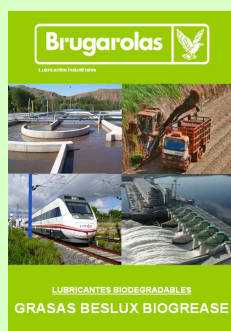
Cartridges of grease



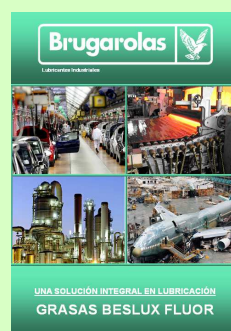
Industrial sprays



Beslux Sulplex greases



Biodegradable lubr.



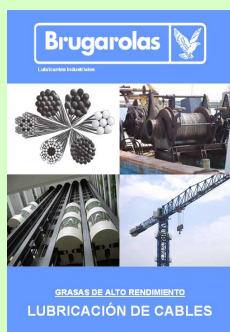
Fluorinated greases



Antinoise lubricants



Valves and taps



Wire ropes



Pellet presses



Elastomers



Gearboxes



Electric motors

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