



**Non Food
Compounds
Program Listed H1
Registration 138272**

ALBL

Index : 2
14/04/06

EXTREME PRESSURE GREASE FOR OCCASIONAL CONTACT WITH FOOD

DEFINITION

ALBL is a calcium complex food grade grease designed to provide optimal life time to lubricated mechanisms.

ADVANTAGES

- It is characterized by its extreme high pressure qualities, as well as its resistance to oxidation, making it a lubricant perfectly adapted to high temperatures.
- On account of its technical characteristics, the AL BL grease is extremely resistant with respect to metals and has proven to be well adapted to humid environments; it is highly resistant to water and steam.
- The AL BL grease is easy to pump, stable in storage and offers good anti-corrosion protection assuring the equipment will be well preserved.
- AL BL is endowed with a good anti-splash adhesiveness, which allows for better lubrication and reduced consumption.
- Its components are approved by FDA for incidental contact with food products. AL BL is H1 approved by NSF (National Sanitation Foundation) this means that product is suitable for incidental contact with food products

PHYSICOCHEMICAL DATA

- | | | |
|---|-------------|-------------------|
| • Color : | | White |
| • Thickener : | | Complex calcium |
| • Operating temp. range : | | - 20°C to + 150°C |
| • Basic oil nature : | | Mineral |
| • Base oil viscosity @40°C: | | 180 cst |
| • Density at 20°C : | | NFT 30-020 0.94 |
| • Drop point : | ISO 2176 | > 250°C |
| • Grade NLGI : | | 1 / 2 |
| • Penetration not worked at 25° C : | ISO 2137 | 295 to 335 1/10mm |
| • Penetration loss after 100 000 hits : | ISO 2137 35 | 1/10mm |
| • SHELL 4 balls (Welding) : | ASTM D 2596 | 315 kgs |
| • Copper blade corrosion : | ISO 2160 | 1b |
| • Sweating (30 h at 100°C) : | D 55 5215 | 3 % |

APPLICATION

ALBL is perfectly suitable for lubricating plain bearings, roller bearings heavily loaded in the food and agriculture industries (canning, bread & biscuit, milk & dairy, food production, meat, fish, fruit, vegetable industries, grape vintage machines, animal feed presses etc.)