



COMPLEX FOOD GREASE - 2

NLGI 2 - LUBRICATION GREASE FOR THE FOOD INDUSTRY (COMPLYING WITH *NSF H1, NSF Registration No. 128361)

Purpose of application:

COMPLEX FOOD GREASE - 2 is a high temperature lubrication grease for use in the food industry. It is used for lubrication in the food industry where grease may accidentally come into contact with foodstuff, and it is regulated by the Federal Meat and Poultry Inspection Program in the USA. It can be used as a lubricant on equipment and machine parts, where greased parts occasionally and accidentally come into contact with food.

Typical examples of use include the production of food and milk products, in the sugar industry, in machines for filling foods and bottles, and in the fish industry.

For central lubricated systems it is possible to order grease with the consistency NLGI 0.

Properties:

- Good load carrying capacity and very good anti-wear properties.
- Good anti-corrosion and anti-oxidation properties.
- Insoluble in water and it is resistant to cold and hot water.
- Excellent high temperature properties.
- Very good adhesive properties to metal.
- A neutral odour.

Structure:

COMPLEX FOOD GREASE 2 is made from Al-complex soap, white paraffin oil, EP and AW additives, corrosion inhibitors and anti-oxidants.

Physical and chemical characteristics:

Appearance /-	White grease
Thickener /-	Al- complex soap
Penetration, NLGI class / (ASTM D 217)	2
Working penetration (100 000 c) / (ASTM D 217)	280 (0.1mm)
Dropping point / (ASTM D 566)	>230 (°C)
Viscosity of base oil (40 °C) / (ASTM D 445)	570 (mm ² /s)
Four Ball Test (welding) / <i>DIN 51350</i>	>3800 N
Four Ball Test (wear scar) / <i>DIN 51350-5 (1h, 400 N)</i>	0,5 mm
Corrosion protection / ISO 11007	0-0
Temperature range when in use /-	-20 to 120 (°C)
Bearing leakage tendency / (ASTM D-1263)	4.5 %

Supply:

COMPLEX FOOD GREASE 2 is available in 400 grams cartridges.

*NSF (National Sanitary Foundation).