

FG ALUMINIUM COMPLEX



Lubricants

Description

FG ALUMINIUM GREASE is a grease developed for use in the food processing industry, in all applications that require greases with excellent performance at high working temperatures. Formulated using an Aluminium Complex thickener, this grease has a strong affinity for metal and it is highly stable when operating with heavy loads and at high temperatures. Thanks to its fully synthetic base oil, this grease can work continuously at temperatures close to 180°C. The carefully balanced additives, improved with solid PTFE content, yield excellent anti-corrosive, anti-oxidant, anti-wear, and extreme pressure-resistant properties, all of which are needed to guarantee the proper performance in the most demanding applications. This grease has excellent sealing properties, ideal for lubricating bearings subjected to high temperatures and pressures. It is registered as an H1 category grease.

Main applications:

- Bearings that operate at extreme temperatures, capable of supporting heavy loads.
- Bearings in refrigeration facilities, owing to its good fluidity at low temperatures.
- Bearings that require a lubricant with excellent adhesive and sealing properties.

Properties

- Wide range of working temperatures (-40/180°C).
- Long-lasting lubrication thanks to its solid PTFE content.
- Great adhesive and lubricating properties.
- Fully compatible with gaskets and conventional paints.
- Registered as an H1 lubricant with the NSF.



Technical specifications

| | UNIT | METHOD | VALUE |
|----------------------------|-------|-----------|-------------------|
| Colour | | | Ivory |
| NSF registration number | | | 157624 |
| Thickener | | | Aluminium Complex |
| Base oil | | | Synthetic |
| NLGI consistency number | | DIN 51818 | 2 |
| Worked penetration at 60W | 0.1mm | ASTM D217 | 265/295 |
| EP properties - weld point | Kg | IP-239 | Min:400 |
| Dropping point | °C | ASTM D566 | 240 |
| Fluidity pressure at -35°C | | DIN 51805 | Max. 1000 |
| EMCOR corrosion test | | DIN 51802 | Max:0.5 |

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety information sheet is available on request.

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