



PROTECTOR FG CALCIUM SULFONATE R2/1 V220

Description

PROTECTOR FG CALCIUM SULFONATE is a high-performance grease designed for use in the food processing industry, in all applications that require excellent performance in high load and humid environments. Formulated using a calcium sulfonate thickener, this grease presents a strong affinity for metal, is highly stable during mechanical work, and has high lubricating and anti-oxidant properties thanks to its semi-synthetic base oil, which also affords a broader working temperature range than conventional greases, allowing it to be used between -30 and 170°C without losing any of its properties. The carefully balanced additives yield excellent anti-corrosive, anti-oxidant, anti-wear, and extreme pressure-resistant properties, all of which are needed to guarantee performance in the most demanding applications.

This grease has excellent sealing properties, ideal for lubricating bearings subjected to extreme working conditions. In addition, it is registered as an H1 lubricant for use in companies from the food industry.

Properties

- Wide range of working temperatures (-30/170°C).
- Excellent resistance to steam and humidity.
- Great adhesive and lubricating properties.
- Fully compatible with gaskets and conventional paints.
- Registered as an H1 lubricant with the NSF.
- MOAHs free (Mineral Oil Aromatic Hydrocarbon).

Main applications

- Bearings used under extreme pressures and temperatures
- Bearings used in humid environments where high concentrations of water are present.
- Bearings that require a lubricant with excellent adhesive and sealing properties.

Quality levels, approvals and recommendations

• NSF: H1*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Colour	-	Visual	Light brown
NSF registration number H1	-		155358
Type of thickener	-		Calcium Sulfonate
Base oil	-		Semi synthetic
Base oil viscosity at 40 °C	cSt	ASTM D445	220
Consistency	NLGI		2/1
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	305
4 Ball EP, welding load	kg	IP 239	700
Dropping point	°C	ASTM D566	270
Water resistance (90 °C)	-	DIN 51807	Grade 0

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

