



Grease



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).

Quality levels, approvals and recommendations

- Halal Certified*

- NSF H1*

*Formal approval



Safety data sheets are available at: <https://lubricants.repsol.com/en/>

Lubricant Technical File RP_8178F

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188687-SP-4202



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Technical specifications

	UNIT	METHOD	VALUE
NSF registration number H1			155358
Consistency	NLGI		2/1
Colour	-	Visual	Light brown
Type of thickener			Calcium Sulfonate
Base oil viscosity at 40 °C	cSt	ASTM D445	220
4 Ball EP, welding load	kg	ASTM D2783	700
Base oil			Semi synthetic
Dropping point	°C	ASTM D566	270
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	305
Water resistance (90 °C)	-	DIN 51807	Grade 0

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



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