



GRASA CALCICA

Description

A grease formulated with highly refined mineral oil, thickened with anhydric calcium soap which gives it excellent performance against water. It has a low ash content and good stability properties and mechanical resistance.

Recommended uses

- Especially indicated for mechanisms of equipment which work outside and/or in humid environments, such as automobiles, public works machinery, agricultural machinery, etc.
- It is recommended for the greasing of chassis' and undercarriages, industrial and automation water pumps, crane guides and car washes.
- Lubrication of flat bearings, of balls and rollers, where the use of a special type of grease is not needed.
- Field of application in a range of temperatures from -20 to 100°C.

Qualities

- Excellent resistance to water.
- Very good pumpability even at low temperatures.
- Great mechanical resistance.

Quality Level

- Cálcula 2: DIN 51825 KL-2G
- Cálcula 3: DIN 51825 KL-3G

Technical Characteristics

	UNIT	METHOD	VALUE	VALUE
Type			2	3
Colour		Visual	Pale Yellow	Pale Yellow
Consistency		NLGI	2	3
Soap Type			Anhydrid Calcium	Anhydrid Calcium
Base oil, viscosity grade ISO			68	68
Penetración, 25° C				
- Worked at 60 strokes	1/10 mm	ASTM D 217	280	235
- Worked 100.000 strokes	1/10 mm	ASTM D 217	285	240
Dropping point	°C	ASTM D 566	150	150
Cooper corrosion, 24h 70°C		ASTM D 4048	1a	1 a
Resistency to water solutions		INTA 150437	Total	Total

Available in

180 y 45 Kg. drums and 18,5 and 2 Kg. metallic cans.

Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measures

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

Emergency telephone number. Instituto Nacional de Toxicología 915620420
A safety data file exists.

Unless otherwise specified, the values cited in technical characteristics should be considered as typical.