



## GRASA ESPECIAL EP-2/3

### Description

A grease formulated with highly refined mineral oil, thickened with lithium soap (hydroxystearate). It has been incorporated with anti-rusting, anti-corrosive, extreme pressure and adherence additives.

### Recommended uses

- General greasing of agricultural, public works and automotion machinery.
- Greasing of sifter bearings, piston pins, ball sockets, bearings, etc.
- Field of application from -20 to 120°C.

### Qualities

- Great adherence, which avoids the seepage of grease.
- Good extreme pressure characteristics, for which it has a good capacity to withstand charges and vibrations.
- Excellent mechanical stability.
- Good protection against oxidation, corrosion and reusting.
- Excellent performance against water.

### Quality Level

- DIN 51825 KP-2K

### Technical Characteristics

	UNIT	METHOD	VALUE
Colour		Visual	Light Brown
Consistency		NLGI	2/3
Soap type			Lithium
Base oil, viscosity grade ISO			100
Penetration, 25° C			
- worked at 60 strokes	1/10 mm	ASTM D 217	260
- worked 100.000 strokes	1/10 mm	ASTM D 217	270
Dropping point	°C	ASTM D 566	200
Cooper corrosion, 24h 100°C		ASTM D 4048	1 a
4 ball machine, 80 Kg, 1 minute, scar diameter	mm	IP 239	0,4
Properties EP 4 ball machine	Kg	ASTM D 2596	280
Timken, O.K.	lb	ASTM D 2509	60

### Available in

180 and 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, CO<sub>2</sub>, 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.