



# MOLIBGRAS EP 2

## Description

An extreme pressure lithium grease, made of oils with a high grade of refining. Contains special extreme pressure additives, which together with its molybdenum bisulphate content, give it excellent anti-wear properties as well as a great capacity to perform at high temperatures.

## Recommended uses

- Especially recommended in the lubrication of mechanisms exposed to slipping, very high charges and long periods of greasing.
- Greasing of journal bearings, hydraulic hammer bearings, open gears, and spare wheels.
- Very severe uses, such as rolling-mills.
- Field of application from -20° C to 120° C.

## Properties

- The contribution of Molybdenum bisulphate, small, carefully selected particle, provides additional safety for those points in which there are difficulties in greasing or in which extreme conditions may occur while the equipment is in operation.
- Excellent extreme pressure characteristics.
- High mechanical resistance.
- Good protection against oxidation, corrosion and rust.

## Quality level

- DIN 51825 KPF-2K

## Technical characteristics

	UNIT	METHOD	VALUE
Colour		Visual	Black
Consistency		NLGI	2
Type of soap			Lithium
Base oil, ISO degree of viscosity	cSt		150
Penetration, 25° C			
- Producing 60 strikes	1/10 mm	ASTM D 217	270
- Producing 100,000 strikes	1/10 mm	ASTM D 217	284
Dropping point	°C	ASTM D 566	185
Copper corrosion, 24hr 100°C		ASTM D 4048	1st
Machine wear 4 balls, 80 kg and 1 minute, tread diameter	mm	IP 239	0.4
EP properties 4 ball machine soldering load	Kg	IP 239	280
Timken machine load test OK	lb	ASTM D 2509	55

## ■ Hazard identification

---

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

## ■ Handling

---

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

## ■ Health and Safety Hazards

---

**Inhalation:** Given that it is not a particularly volatile product, the risk of inhalation is minimal.

**Ingestion:** Do not induce vomiting. Provide water. Seek medical advice.

**Contact with the skin:** Wash with plenty of water and soap.

**Eyes:** Wash thoroughly with water.

**General measures:** Seek medical advice.

## ■ Fire-fighting measures

---

No special measures required.

**Fire-extinguishing measures:** Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

## ■ Environmental precautions

---

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

**Decontamination and cleaning:** Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

repsol.com

Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.