

# MOLIBGRAS ESPECIAL EP 2



## Greases

### Description

Extreme pressure lithium grease that is specially formulated with a lithium complex thickener. This grease displays excellent performance under extreme conditions, thanks to its extreme pressure additives and 3% molybdenum disulphide content. It also has specific additives to protect equipment against oxidation, high temperatures, and corrosion.

It is highly resistant to water and has excellent adhesiveness, making Molibgras Especial EP 2 ideal for use in wet environments and extreme working conditions.

- Highly recommended for lubricating mechanisms exposed to extreme loads and long greasing periods in the mining and construction industries.
- Lubrication of sleeve bearings, the bearings of hydraulic hammers, open gears, fifth wheels, and front-end loader bolts.
- Can be used in a temperature range of -10°C to 150°C.

### Properties

- The carefully-selected small particles of molybdenum disulphide provide additional protection for places that are hard to grease or that may be subjected to extreme conditions while the equipment is being used.
- High mechanical and adhesive resistance.
- Excellent resistance to humidity.
- Good protection against oxidation, corrosion, and rust.

### Quality levels

- DIN 51502 KPF 2N-10

### Technical characteristics

	UNIT	METHOD	VALUE
Colour		Visual	Black/Grey
Consistency		NLGI	2
Type of soap			Lithium complex
Base oil, ISO viscosity grade	cSt		320
Penetration, 25°C			
- At 60 strokes	1/10 mm	ASTM D 217	280
- At 100 000 strokes	1/10 mm	ASTM D 217	294
Dropping point	°C	METTLER FP-83HT	>260
Copper Corrosion 24h at 100°C		ASTM D 4048	1a
Four-ball wear, 80 kg and 1 minute, scar diameter	mm	IP 239	0.6
4-ball extreme pressure, weld point	Kg	IP 239	300
Timken OK load test	lb	ASTM D 2509	45

*The aforementioned characteristics are typical values and should not be considered product specifications.*

A product safety sheet is available upon request.

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