



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, approvals and recommendations

• DIN 51502 KPF 2N-10

• NEGRI BOSSI ELEOS, eCANBIO JANUS Y VESTA series*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
Consistency	NLGI		2
Colour	-	Visual	Black/Gray
Type of thickener			Complex lithium
Base oil viscosity at 40 °C	cSt	ASTM D445	320
4 Ball EP, welding load	kg	IP 239	300
4 Ball wear, print diameter (1 min/80 kg)	mm	IP 239	0.6
Corrosion Cu, 24h 100 °C	-	ASTM D4048	1a
Dropping point	°C	METTLER FP-83HT	>260
Penetration, 25 °C, 100.000 strikes worked	1/10 mm	ASTM D217	294
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	280
Timken machine load test OK	lb	ASTM D2509	45

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