

MOLIBGRAS ESPECIAL EP 1



Greases

Description

Molibgras Especial EP 1 grease is designed to meet the most demanding needs of mining industry machinery. Its special formulation makes Molibgras Especial EP 1 water resistant and highly stable; properties which are fundamental in these applications. Its 5% molybdenum disulphide content and EP and AW additives ensure the grease performs to its full potential under the most severe working conditions. It is also highly water resistant and provides excellent protection against rust.

The superior adhesion and high pour point of the grease make it ideal for use in:

- The mining industry, where it is recommended for the lubrication of slow moving bearings with smooth and rotating elements, such as front-end loader bolts.
- Earthmoving equipment, particularly when there are long oil change periods and oscillating and vibrating movements.
- It can be used in a temperature range of -10°C to 160°C.

Properties

- Excellent resistance to thermal degradation.
- Good performance and protection in extremely high pressure environments.
- Highly adhesive and cohesive grease.

Quality levels

- DIN 51502 KPF 1P-10

Technical characteristics

	UNIT	METHOD	VALUE
Colour		Visual	Grey
Consistency		NLGI	1
Type of soap			Lithium Complex
Base oil, ISO viscosity grade	cSt		680
Penetration, 25°C - At 60 strokes	1/10 mm	ASTM D 217	320
Dropping point	°C	METTLER FP-83HT	>250
Copper Corrosion 24h at 100°C		ASTM D 4048	1a
Four-ball wear, 80 kg and 1 minute, scar diameter	mm	IP 239	0.5
Four-ball extreme pressure, weld point	Kg	IP 239	550
Timken OK load test	lb	ASTM D 2509	50

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

A product safety sheet is available upon request.

repsol.com
+34 901 111 999

Lubricants technical data sheet. Revision 1. June 2018.