

GREASE LITHIUM COMPLEX EHG 1

Product code: 264903401

High efficiency grease designed for heavy loaded mechanisms operated in a wide range of temperatures

This product consists of a lithium complex soap thickener and high quality highly refined mineral base oils, synthetic polymers and graphite to provide a very stable and adherent lubricating film. Will resist high loads, shock loads and high temperatures. Will also avoid penetration in the bearing of moisture and dirt because of the excellent sealing capacity.

The product is provided with a special lead, chlorine and sulphur free additive package, reducing possible contamination and staining. Thanks to the high dropping point this grease is capable of working under conditions with high temperatures without losing its physicochemical properties.

It is used in heavy loaded mechanisms and bearings operated in a wide temperatures range from -15 up to 150 °C with possible presence of water and/or emulsions and at medium and low speeds. Suitable for the steel industry, cement industry, in (metalworking) machinery, mining and public works. The grease can both be applied manually or trough centralized lubrications.

Benefits & Advantages

- Wide range of service temperatures
- Peak temperature 180 °C
- Environmentally friendly additive package
- Resists heavy and shock loads
- Very adhesive
- Excellent sealing capacity
- Very good resistance to water and oil-water emulsions
- Compatible with metal working processes

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Typical Performance Data

Typical	Test Method	Value
Thickener		Lithium complex
Base oil nature		Mineral
Colour		Black
Base oil viscosity 40 °C, cSt		1500
NLGI class		1
Penetration @ 25 °C, x 0,1 mm		320
Worked penetration, 105 W, x 0,1 mm		> 45
Drop point, °C		> 240
EMCOR corrosion test		1
Water washout, 3h/90 °C		0
Oxidation stability 100 hr/100 °C, bar		0.5
Copper corrosion, 24hr/100 °C		1b
4-ball wear test <ul style="list-style-type: none"> • Welding load, kg • Wear scar diameter 1/80 kg, mm 		700 0.5
Oil separation, 30 hr/100 °C, %		5
Operating temperatures, °C		-10 – 150

All performance data on this Technical Data Sheet are indicative only and can vary during production.