

GREASE-PLUS LI-COMPLEX MO 2

GREASES

324903501

DYADE
LUBRICANTS



HIGH EFFICIENCY GREASE DESIGNED FOR HEAVY LOADED MECHANISMS OPERATED IN A WIDE RANGE OF TEMPERATURES

This product is made with a lithium complex soap thickener, highly refined mineral base oils, synthetic polymers, and graphite, which work together to create a stable and long-lasting lubricating film. It can withstand high loads, shock loads, and extreme temperatures, and it also seals the bearing to prevent moisture and dirt from penetrating. Additionally, the product contains an additive package that is free of lead, chlorine, and sulfur to minimize contamination and staining. Thanks to its high dropping point, this grease can operate under high temperature conditions without losing its physical and chemical properties. This lubricant is suitable for heavy-duty applications in mechanisms and bearings operating at temperatures ranging from -15°C to 150°C, with possible exposure to water and/or emulsions, and at medium to low speeds. It is ideal for use in the steel, cement, metalworking machinery, mining, and public works industries. The grease can be applied manually or through centralized lubrication systems. This product

is especially useful for low-speed mechanisms that are subject to vibrations, as it prevents water and water-oil emulsions from entering and provides superior adhesion and adhesiveness to metal surfaces for optimal lubrication.

CATEGORY

- Greases

BENEFITS

- 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

PROPERTY	METHOD	VALUE
Thickener		Lithium complex
Base oil nature		Mineral
Colour		Black
Base oil viscosity @ 40 °C, mm ² /s		1500
NLGI class		2
Penetration @ 25 °C, x 0,1 mm		270
Worked penetration, 105 W, x 0,1 mm		> 45
Drop point, °C		> 240
EMCOR corrosion test		0
Water washout, 3h/90 °C		0
Oxidation stability 100 hr/100 °C, bar		0.5
Copper corrosion 24h @ 100 °C		1b
4-ball wear test, welding load, kg		550
4-ball wear test, wear scar diameter 1/80 kg, mm		0.6
Oil separation, 30 hr/100 °C, %		5
Operating temperatures, °C		-10 - 150

All data on this technical data sheet is indicative only

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