

# GREASE-PLUS AL-COMPLEX MO-P 00

GREASES

324907701

**DYADE**  
LUBRICANTS



## HIGH PERFORMANCE GREASE FOR HEAVY DUTY MINING MILLS

This product is a grease composed of a mixture of highly refined mineral oil, special polymers, and high-performance additives of the latest generation. It is based on an aluminium complex thickener that provides excellent adherence and lubrication properties. This product is environmentally friendly as it is free of heavy metals such as lead or antimony, chlorine, and bitumen. This product is specifically formulated to provide lubrication for heavy-duty mills and open gear sets in the cement and mining industries, as well as some chemical and metallurgical industries. It is also highly suitable for lubricating preheated rotary ball mills, commonly used for carbon milling in power plants. With its exceptionally high base oil viscosity, this product provides hydrodynamic lubrication even at high temperatures.

## CATEGORY

- Greases

## BENEFITS

- High thermal and oxidation stability
- Good mechanical stability
- Very high anti-wear and friction reducing properties
- Extremely high adherence and metal affinity
- Excellent anti-rust protection
- High pump-ability even at low temperatures
- Outstanding long life properties

PROPERTY	METHOD	VALUE
Appearance		Viscous black
Thickener		Aluminium complex
Base oil type		Mineral + polymer
Base oil viscosity @ 40 °C, mm <sup>2</sup> /s		13.000
Base oil viscosity -	@ 100 °C, cSt	500
Viscosity index		>170
Density @ 25 °C, kg/dm <sup>3</sup>		0.92
NLGI class		00
Penetration @ 25 °C, x 0.1 mm		400-430
Dynamic viscosity @ 25 °C, mPas		25.000-30.000
Copper corrosion @ 100 °C		1b
Oxidation stability, 100 h/100 °C, bar		< 0.45
Evaporation loss, 22h/100 °C, %		< 0.40
4-ball wear test, welding load, kg		> 800
4-ball wear test, wear scar diameter 1'80 kg, mm		0.65
4-ball wear test, wear scar diameter 1h/40 kg, mm		0.58
Service temperatures, °C		0 - 150

All data on this technical data sheet is indicative only

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