

GREASE-PLUS AL-COMPLEX MO-P 1

GREASES

324908301

DYADE
LUBRICANTS



SERVICE LUBRICANT FOR OPEN GEARS

The product line features cutting-edge, solids-reinforced lubricants for open gears. These lubricants use an aluminium complex thickener, high-quality base oils, and a blend of anti-seize, anti-corrosion, EP (Extreme Pressure), and adhesion enhancers. Graphite has been added to provide a highly stable, lubricating, and adherent film that withstands high temperatures and loads. It performs efficiently and satisfies the requirements of crown drives in ball and rotary mills. It also passes DeLimon and Helios spraying tests and can be used with centralized lubrication or lubrication systems. Moreover, this product line is environmentally friendly, containing no bitumen, chlorine, heavy metals, or solvents. The products in this range have been specifically designed to lubricate large girth mills and kiln open gear sets in the cement and mining industry, as well as in certain chemical and metal applications. In addition to their adhesive properties, these products are highly suitable for lubricating bearings and sliding bearings that operate under the combined action of loads, water, and increased temperatures. The

advanced anti-wear additive technology minimizes friction between the gear teeth, resulting in a smooth and trouble-free operation of the crown, while also reducing wear to a minimum even in the most severe conditions.

PROPERTY	METHOD	VALUE
Colour		Black
Thickener, soap type		Aluminium complex
Solids		Graphite
Base oil type		Mineral-polymers
Base oil viscosity @ 40 °C, mm ² /s		3500
NLGI	DIN 51 818	0
Penetration, 60W	ASTM D217	350-385
Drop point, °C	ASTM D566	>200
4-ball wear test, welding load, kg	IP 239	>800
FZG A/2:76/50	A/2:76/50	>12
FZG A/2:76/50	A/2:76/50	<0.2
Working temperature, °C		-10 - 150
Dry lubrication, °C		450

CATEGORY

- Greases

BENEFITS

- Thermal and oxidative stability
- High dropping point
- Free of heavy metals as well as chlorine and bitumen
- Good mechanical stability
- High anti wear and friction reducing properties
- Excellent anti rust protection
- Good pumpability
- Interval working temperature up to 170 °C and dry lubrication up to 450 °C

All data on this technical data sheet is indicative only

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