GREASE-PLUS
ALU-COMPLEX MO 0

ALUMINIUM COMPLEX GREASES

324907501

SERVICE LUBRICANT FOR OPEN GEARS

The product range includes cutting-edge, solid-fortified lubricants for open gear applications. These lubricants feature an aluminum complex thickener and are formulated with high-quality base oils, as well as anti-seize, anti-corrosion, EP (Extreme Pressure), and adhesion-enhancing additives. The addition of graphite ensures a stable, lubricating, and adherent film with superior resistance to high temperatures and loads. These lubricants are highly efficient and meet the requirements for crown drives in ball and rotary mills. They have also passed the DeLimon and Helios spraying tests, making them suitable for use with central lubrication or lubrication systems. Moreover, they do not contain any environmentally harmful components such as bitumen, chlorine, heavy metals, or solvents. This product range is specifically designed for lubricating large girth mills and kiln open gear sets used in cement and mining industries, as well as chemical and metal applications. Its adhesive properties make it suitable for lubricating bearings and sliding bearings operating under the combined action of loads, water, and increased temperatures. The advanced anti-wear additive technology minimizes friction between gear teeth, resulting in smooth and trouble-free operation of the crown while reducing wear even in the most severe conditions.

PROPERTY	METHOD	VALUE
Colour		Black
Thickener, soap type		Aluminium complex
Solids		Graphite
Base oil type		Mineral
Base oil viscosity @ 40 °C, mm²/s		600/650
NLGI	DIN 51 818	0
Penetration, 60W	ASTM D217	350-385
Drop point, °C	ASTM D566	>190
4-ball wear test, welding load, kg	IP 239	>700
FZG A/2;76/50	FZG 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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