

GREASE-PLUS AL-COMPLEX SEMYSYNT 000

GREASES

324908401

DYADE
LUBRICANTS



SERVICE LUBRICANT FOR OPEN GEARS, DIP LUBRICATION

The formulation of this grease includes top-notch graphite and high-quality base oil with high viscosity. Its structure is designed to adhere well to metallic surfaces. Furthermore, the base oil is free of bitumen, allowing the grease to function without heating even at temperatures as low as -15 °C. This product is designed for lubricating girth gears in a variety of industries including cement manufacturing plants, steel industry, coal and minerals processing, fertilizers, and chemical products. It can be applied through dipping, circulating, or a combination of both methods. Additionally, it is suitable for use in heavy loaded reducers and wire ropes, and can be applied via spraying. It is recommended to change the lubricant at least once a year in environments with dust, sand, water, or other critical conditions. However, if the drive has been run-in or corrected with this product, there is no need to change the lubricant in the short term.

CATEGORY

Greases

BENEFITS

PROPERTY	METHOD	VALUE
Colour		Black
Thickener		Aluminium complex
Base oil type		Semi-synthetic
Base oil viscosity @ 40 °C, mm ² /s		3000
Solids		Graphite
NLGI class	DIN 51 818	000
Penetration @ 25 °C, mm x 0,1	ASTM D217	445-475
Penetration @ 0 °C, x 0,1 mm	ASTM D217	>370
Penetration @ -10 °C, x 0,1 mm	ASTM D217	>330
4-ball wear test, welding load, kg	IP 239	>800
4-ball wear test, wear scar diameter 1/70 kg, mm	IP 239	>0.50
4-ball wear test, wear scar diameter 1/40 kg, mm	IP 239	>0.65
Service temperatures, °C		-15 - 130

All data on this technical data sheet is indicative only

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