

FOOD-PLUS GREASE ALU-COMPLEX GEN 2

FOODGRADE GREASES

323700701

DYADE
LUBRICANTS



HIGH PERFORMANCE FOOD GRADE GREASE

FOOD-PLUS Grease ALU-COMPLEX GEN 2 is a food-grade aluminum complex grease that is designed to lubricate a wide range of applications. Its unique formula consists of complex soap, synthetic base oils, an additive package, and solid lubricants. This product is especially useful for lubricating chains that operate in extremely wet conditions, such as food conveyor chains, due to its superior water resistance. In the food industry, lubrication is crucial for bearings, slide ways, and chains, as well as water valves and taps. These components may be exposed to medium, low, and high temperatures ranging from -20 to 150°C.

CATEGORY

- Greases

BENEFITS

- High resistance to water and other loads
- High Adherence
- White colored
- Contain solid lubrication

PROPERTY	METHOD	VALUE
Colour		White
Thickener type	ASTM D128	Aluminium complex
Base oil type	ASTM D128	Synthetic
Base oil viscosity @ 40 °C, mm ² /s	ASTM D445	220
Base oil viscosity @ 100 °C, mm ² /s	ASTM D445	20
Base oil Viscosity Index	ASTM D2270	98
Dropping point, °C	ASTM D566	>260
NLGI class	ASTM D217	2
Unworked penetration @ 25 °C, x 0.1 mm	ASTM D217	290
Dynamic viscosity @ 25 °C, mPas	DIN 51 810	6343
4-ball wear test - Weld load, kg	IP 239	>400
4-ball wear test - Wear scar diameter 1/80 kg, mm	IP 239	0.72
4-ball wear test - Wear scar diameter 1/40 kg, mm	IP 239	0.80
EMCOR	DIN 51 802	0/0
Speed factor		500.000
Copper corrosion 24h @ 100 °C	ASTM D4048	1b
Flow pressure @ -35 °C, mbar	DIN 51 805	>2700
Service temperatures, °C		-20 - 150
NSF registration		138231
Kosher approved		yes
Halal approved		yes

All data on this technical data sheet is indicative only

202312V01



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