

FOOD-PLUS GREASE ALU-COMPLEX WM 00

ALUMINIUM COMPLEX GREASES

323703501

DYADE
LUBRICANTS



FOOD GREASE BASED ON ALUMINIUM COMPLEX THICKENER AND WHITE MINERAL OIL

FOOD-PLUS Grease ALU-COMPLEX WM 00 is an aluminum complex grease specifically designed for applications that require a food-grade lubricant. It is formulated with a complex soap, white medicinal oil, a firm additive package, and authorized solid lubricants that provide excellent lubricating properties and high water resistance, making it ideal for situations where water presence and high loads are common. This product is suitable for use in bearings operating within a temperature range of -20 to 150°C and is particularly effective in lubricating chains or conveyor chains that operate in very wet conditions, such as those commonly found in packing operations and slaughterhouses. FOOD-PLUS Grease ALU-COMPLEX WM 00 is also suitable for use in centralized lubricating systems that require an NLGI 00 viscosity grade. Lubrication of bearings and general equipment, as well as lubrication of slide ways and chains, and lubrication of water valves and taps, are commonly required in the food industry.

CATEGORY

- Greases

BENEFITS

- Food grade greases
- High resistance to water and loads
- Suitable for medium loaded high-speed bearings (VF=5x10⁵)
- Adhesive
- White colored
- Contains solid lubrication
- Solves leaking issues with gearboxes running on gearrolls

PROPERTY	METHOD	VALUE
Colour		White
Thickener		Aluminium complex
Density @ 20 °C, kg/dm ³		0.862
NLGI consistency	DIN 51 818	00
Base oil viscosity @ 40 °C, mm ² /s		220
Worked penetration 60W, x 0,1 mm	ASTM D217	400-430
Drop point, °C	ASTM D566	>230
Flow pressure @ -20 °C, mbar	DIN 51 805	
4-ball wear test - Welding load, min, kg	IP 239	350
4-ball wear test - Scar dia 1h/40 kg, mm	IP 239	0.65
EMCOR corrosion test	DIN 51 802	1
Copper corrosion @ 100 °C	ASTM D4048	1b
Oxidation stability @ 100 °C, bar	ASTM D942	0.40
Evaporation loss @ 100 °C, %	ASTM D972	0.60
Water resistance, 90 °C	DIN 51 807	0
Water washout @ 80 °C, max	ASTM D1264	
Oil separation @ 40 °C, max	DIN 51 817	13
Dynamic viscosity @ 25 °C, mPas	HAAKE	
Operating temperatures - Continuous, °C		-20 - 130
Operating temperatures - Peak, °C		150

All data on this technical data sheet is indicative only

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