

# FOOD-PLUS GREASE ALU-COMPLEX WM 2

ALUMINIUM COMPLEX GREASES

323703701

**DYADE**  
LUBRICANTS



## FOOD GREASE BASED ON ALUMINIUM COMPLEX THICKENER AND WHITE MINERAL OIL

FOOD-PLUS Grease ALU-COMPLEX WM 2 is an aluminium complex grease designed for the lubrication of almost any application which requires a food grade lubricant. This product is formulated with complex soap, white medicinal oil, a firm additive package and authorized solid lubricants. They provide excellent lubricating properties and a high-water resistance, perfect when a combination of water presence and high loads is faced. This product can be used for bearings operated within a temperature range of -20 to 150 °C and thanks to their superior resistance to water they are very well suitable for the lubrication of chains or conveyor chains operated in very wet conditions. This combination is often seen in packing operations and slaughterhouses. 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=5x10<sup>5</sup>)
- Adhesive
- White colored
- Contains solid lubrication

PROPERTY	METHOD	VALUE
Colour		White
Thickener		Aluminium complex
Density @ 20 °C, kg/dm <sup>3</sup>		0.862
NLGI consistency	DIN 51 818	2
Base oil viscosity @ 40 °C, mm <sup>2</sup> /s		220
Worked penetration 60W, x 0,1 mm	ASTM D217	265-295
Drop point, °C	ASTM D566	>250
Flow pressure @ -20 °C, mbar	DIN 51 805	1250
4-ball wear test - Welding load, min, kg	IP 239	350
4-ball wear test - Scar dia 1h/40 kg, mm	IP 239	0.70
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	6
Oil separation @ 40 °C, max	DIN 51 817	6
Dynamic viscosity @ 25 °C, mPas	HAAKE	4500+1000
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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