

FOODMAX GREASE ALU M 1

Product code: 263700301

Food grease based on aluminium complex thickener and white mineral oil

Foodmax Grease ALU M 1 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. Foodmax Grease ALU M-1 is more suitable compared to the Foodmax Grease ALU M 2 for centralized systems because of their excellent pumpability.

Applications

- General lubrication and bearings in the food industry
- Slide ways and chains
- Water valves and tap lubrication

Benefits & Advantages

- Food grade greases
- High resistance to water and loads
- Suitable for medium loaded high-speed bearings ($VF=5 \times 10^5$)
- Adhesive
- White colored
- Contains solid lubrication

Performance level

- ISO 6743/9 L-XBCHB1
- DIN 51825 KP1K-20

FOODMAX GREASE ALU M 1

Product code: 263700301



Typical Performance Data

Typical	Test Method	Value
Colour		White
Thickener		Aluminium complex
Density @ 20 °C, gr/ml		0.862
NLGI consistency	DIN 51818	1
Base oil viscosity @ 40 °C, cSt		220
Worked penetration 60W, x 0,1 mm	ASTM D217	310-340
Drop point, °C	ASTM D566	>250
Flow pressure @ -20 °C, mbar	DIN 5180	1200
4-ball wear test <ul style="list-style-type: none"> Welding load, min, kg Scar dia 1h/40 kg, mm 	IP-239	350 0.70
EMCOR corrosion test	DIN 51802	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 51807	0
Water washout @ 80 °C, max	ASTM D1264	8
Oil separation @ 40 °C, max	DIN 51817	10
Dynamic viscosity @ 25 °C, mPas	HAAKE	2800+ 800
Operating temperatures <ul style="list-style-type: none"> Continuous, °C Peak, °C 		-20 – 130 150
NSF registration	-	148586
Kosher approved	-	Yes
Halal approved	-	Yes

All performance data on this Technical Data Sheet are indicative only and can vary during production.