

# LUBRICHEM

## LUBRICHEM Grease FM EP 1

Food grease based on aluminium complex thickener and white mineral oil

### Description

LUBRICHEM Grease FM EP is an aluminium complex grease range designed for the lubrication of practically any application which requires a food grade lubricant.

LUBRICHEM Grease FM EP 2 is a white medicinal mineral oil based product, formulated with complex soap, firm additive package and authorized solid lubricants. The product provides excellent lubricating properties and a high water resistance, perfect when a combination of water presence and high loads is faced.

LUBRICHEM Grease FM EP 2 can be used in bearings operated within a temperature range of -20 to 150 °C and thanks to its superior resistance to water it is very well suitable for the lubrication

of chains or conveyor chains operated in wet environments. This combination is often seen in packing operations and slaughter houses. Can be used in water valves or taps providing long life lubrication of the most critical parts.

### Applications

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

### Benefits

- Food grade greases
- High resistance to water and loads
- Suitable for medium loaded high speed bearings (VF=5x105)
- Adhesive
- White coloured
- Contains solid lubricatio

# LUBRICHEM

## Typical performance data

	<b>FM EP 1</b>
Colour	White
Thickener	Aluminium complex
Density @ 20 °C, gr/ml	0.862
NLGI consistency	1
Base oil viscosity @ 40 °C, cSt	150
Worked penetration 60W, x 0,1 mm	310-340
Drop point, °C	>250
Flow pressure @ -20 °C, mbar	1200
4-ball wear test	
• Welding load, kg	350
• Scar dia 1h/40 kg, mm	0,70
EMCOR corrosion test	1
Copper corrosion @ 100 °C	1b
Oxidation stability @ 100h/100 °C, kg/cm <sup>2</sup>	0,40
Evaporation loss @ 100 °C, %	0,60
Water resistance, 90 °C	0
Water washout @ 80 °C, %	8
Oil separation @ 40 °C, %	10
Dynamic viscosity @ 25 °C, mPas	2800+ 800
Operating temperatures	
• Continuous, °C	-20 – 130
• Peak, °C	150
NSF registration, H1	159193

## HEALTH / SAFETY

For information about safe handling and use of this product, refer to the Material Safety Data Sheet

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

**Lubricchem LLC – [hello@lubricchemllc.com](mailto:hello@lubricchemllc.com) – [www.lubricchemllc.com](http://www.lubricchemllc.com)**

