

MEMOFOOD

HIGH-PERFORMANCE FOOD GRADE GREASE

DESCRIPTION

MEMOFOOD is grease for high loads and long-lasting lubrication under difficult environmental conditions. It is formulated with medicinal white oil base and synthetic hydrocarbons, reinforced with additives and solid lubricants to improve its performance. A complex soap thickening agent is used, which is highly resistant to temperatures.

It is a lubricant suitable for incidental contact with food, classified as H1 by the NSF.

APPLICATIONS

- Especially indicated for lubricating open or closed points under tough working conditions: exposure to environmental humidity, vibration, steam, dirt, high loads and pressures. Thanks to its properties, the lubrication periods can be extended.
- For plain and ball bearings that work at medium speeds under difficult environmental conditions up to a speed factor of approximately 500,000 (speed factor: average bearing diameter in mm X the rotation speed in R.P.M.).
- Especially appropriate for application at bottling plants, food packaging plants (cappers in the canned food industry and vegetable-fruit warehouses), pelleting machines, purification plants, etc.

PROPERTIES

- Excellent adherence and sealing capacity, which allows the lubrication intervals to be extended, even in the presence of cold or hot water, salt water and steam.
- Protects against corrosion.
- Working temperature from -20° to $+130^{\circ}$ C. It can withstand temperature peaks of 150° C.
- High resistance to ageing and to shearing.
- High capacity to withstand loads and extreme pressure.
- Good behaviour in central lubrication systems

Technical data sheet. Revision : 28/10/2014. These technical descriptions correspond to our present technical knowledge. The data above- mentioned are determined average values. Derivations within the usual tolerances can take place.

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APPLICATION NOTES

- Hand pump, air pump
- Autonomous lubricators MEMOLUB® refills 120, 240 and 480 cc
- Sealed bearings must be filled to a maximum of half their capacity
- To the extent possible, avoid mixing with other types of grease

PRECAUTION FOR USE

- When a replacement product, on grease and hunt up the old grease.
- Be careful not to pollute the grease during its application by dust or other pollutants.

TECHNICAL DATA

	Units	Typical values	Standard
MEMOFOOD			
Appearance		Off white	
Dropping point	°C	250	ASTM D-566
Penetration at 25°C	mm x 10 ⁻¹	284	ASTM D-217
Penetration at 25° C at 10 ⁴ strokes	mm x 10 ⁻¹	324	ASTM D-217
Consistency NLGI	-	2	ISO 2137
Base oil viscosity at 40°C	mm ² /s	140	ASTM D-445
Four ball wear test 400N, 75°C, 1 hour	mm	0,55	ASTM D-2266
Welding load – Four ball test	Kg	315	ASTM D-2596
Water resistance at 90°C	-	0	DIN 51807/T1
Bearing corrosion	-	1-1-1 (no corrosion)	ASTM D-1743
Oil separation 40°C (168 h)	%	4,1	IP – 121

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