

Foodmax Grease LT 2

Food grade lubricating grease for very low operating temperatures

Description

Foodmax Grease LT 2 is specially developed for applications where a food grade grease with low temperature characteristics is required.

Applications

Foodmax Grease LT 2 is designed for the lubrication of bearings and other applications in cold-store plants and freezing chambers. Also to lubricate 'cold equipment' like air-conditioning fans and refrigerators. Furthermore suitable for:

- Low temp operated mechanisms in ski stations
- Bearings and general mechanisms in the cold areas of drink bottling plants

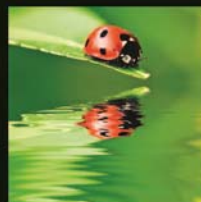
- Fluid valves and taps operated at extremely low temperatures
- Lubrication of pump bearings in low temp circuits
- Chains and drives in cryogenic chambers
- Conveyor trucks and plain bearings in freezing chambers etc.

Properties

- Wide temperature range
- Superior lubricating capacity
- Suitable for high speed bearings
- Excellent water resistance
- Long life lubricant, slow aging



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Typical performance data

	Test method	LT 2
Colour		White
Thickener, soap type		Calcium
Base oil type		Synthetic
Base oil viscosity, cSt		10
Penetration @ 25 °C, x 0,1 mm	ASTM D217	265-295
Worked penetration 60W, x 0,1 mm	ASTM D217	265-295
NLGI consistency class	DIN 51818	2
Drop point, °C	ASTM D566	> 30
Flow pressure @ -35 °C, mbar	DIN 51805	450
4-ball wear test	IP-239	
• Welding load, kg		220
• Wear scar diameter 1h/ 40 kg, mm		0,55
EMCOR corrosion test	DIN 51802	1
Copper strip corrosion, 24h/100 °C	ASTM D4048	1b
Oxidation stability, 100h/100 °C, kg/cm ²	ASTM D942	0,25
Evaporation loss, 22hr/100 °C, %	ASTM D972	0,50
Water washout, 1hr/40 °C, %	IP-121	4,50
Oil separation, 7 days/40 °C, %	IP-121	5
Operating temperature, °C		-70 – 100



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