



Foodmax Grease LT

Food grade lubricating grease for very low operating temperatures

Description

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

Applications

Foodmax Grease LT is designed for the lubrication of bearings and other applications in cold-store plants and freezing tunnels and 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

Typical performance data

	Test method	LT 1	LT 2
Colour		White	
Thickener, soap type		Calcium	
Base oil type		Synthetic	
Base oil viscosity, cSt		36	36
Penetration @ 25 °C, x 0,1 mm	ASTM D217	310-340	265-295
NLGI consistency class	DIN 51818	1	2
Drop point, °C	ASTM D566	>130	>130
Flow pressure @ -35 °C, mbar	DIN 51805	400	400
4-ball wear test	IP-239		
<ul style="list-style-type: none"> • Welding load, kg • Wear scar diameter 1h/ 40 kg, mm 		315 0,6	315 0,6
EMCOR corrosion test	DIN 51802	0:0	0:0
Copper strip corrosion, 24h/100 °C	ASTM D4048	1b	1b
Water washout, 1hr/40 °C, %	IP-121	<2,5	<2,5
Oil separation, 7 days/40 °C, %	IP-121	<5	<5
Operating temperature, °C		-60 – 110	-60 – 110

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

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