

FOODMAX GREASE LT 1

Product code: 263702001

Food grade lubricating grease for very low operating temperatures

Foodmax Grease LT 1 is specially developed for applications where a food grade grease with very low temperature characteristics is required.

Applications

This product is designed for the lubrication of bearings and other applications in cold-store plants and freezing tunnels and chambers. Also, suitable 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



Typical	Test Method	Value
Color		White
Thickener, soap type		Calcium
Base oil type		Synthetic
Base oil viscosity, cSt		36
Penetration @ 25 °C, x 0,1 mm	ASTM D217	310-340
NLGI consistency class	DIN 51818	1
Drop point, °C	ASTM D566	>130
Flow pressure @ -35 °C, mbar	DIN 51805	400
4-ball wear test		
• Welding load, kg	IP-239	315
• Wear scar diameter 1h/ 40 kg, mm		0.6
EMCOR corrosion test	DIN 51802	0:0
Copper strip corrosion, 24h/100 °C	ASTM D4048	1b
Water washout, 1hr/40 °C, %	IP-121	<2.5
Oil separation, 7 days/40 °C, %	IP-121	<5
Operating temperature, °C		-60 – 110
NSF	-	151577
Kosher	-	yes
Halal	-	yes

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