



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

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

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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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