



SKF Grid and gear coupling grease LMCG 1

LMCG 1 is a polyethylene thickened and mineral oil based grease which also uses a lithium complex thickening technology. The grease is formulated to withstand high centrifugal forces and high-torque applications for grid and gear (flexible) couplings even where severe shock loadings, misalignment and vibration occur. Leakage is prevented at high speeds and the grease is stable in consistency. The special additive formulations make the grease suitable for applications subjected to high loads, high torque, wet environments, a wide range of speed regimes and wide range of temperatures.

Features and benefits:

- Excellent resistance to oil separation.
- High acceleration and high operating speeds.
- Excellent high-torque lubrication.
- High corrosion protection.
- Exceeds AGMA Type CG-1 and AGMA Type CG-2 requirements.
- High coupling wear protection. Excellent oxidation stability.
- Due to low oil bleeding tendency, suitable for use in centralized lubrication systems.

Typical applications:

- Grid couplings.
- Gear couplings.
- Flexible heavy duty grid and gear couplings.
- Low maintenance cost and long life grid and gear couplings.

Typical industries:

- Heavy industries (mining, mineral processing, cement, steel, pulp & paper).
- Marine industry.
- General machinery (petrochemical, power generation plants, etc.).

Characteristics

Series: LMCG 1

Application: Lubrication - grease

Temperature range: 0 / 120 °C

Colour: Brown

Dropping point: > 210 °C

Thickener: Polyethylene

Base oil type: Mineral oil

Norm: NLGI 1

DIN standard: DIN 51825 GOG1G-0

Worked penetration 0.1mm: 310-340

| Volume | Content | Packaging | Article |
|--------|---------|-----------|----------|
| l | kg | | |
| | 2 | Can | 13378563 |
| | 18 | Bucket | 13378562 |
| 0.42 | | Cartridge | 13378566 |

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