

SKF Coupling Grease

Grid and gear coupling grease

LMCG 1

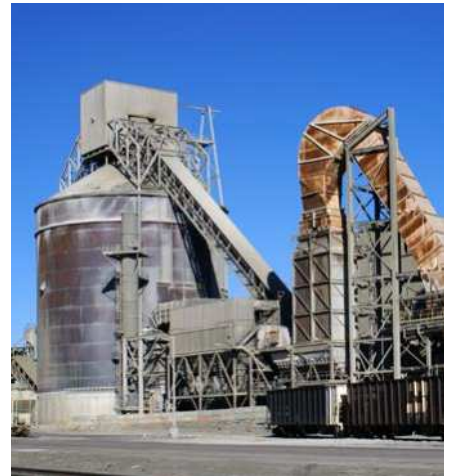
LMCG 1 is a polyethylene thickened and mineral oil based grease which also uses a lithium complex thickening technology. The grease is formulated to withstand high centrifugal forces and high-torque applications for grid and gear (flexible) couplings even where severe shock loadings, misalignment and 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

- 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

Typical industries

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



Typical applications

- Grid and gear couplings
- Flexible heavy duty grid and gear coupling

Available pack sizes

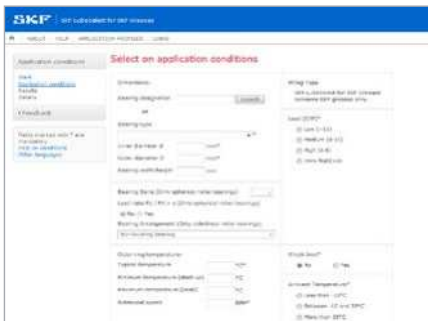
Packsize	Designation
420 ml cartridge	LMCG 1/0.4
2 kg can	LMCG 1/2
18 kg pail	LMCG 1/18



Technical data

Designation	LMCG 1/(pack size)		
DIN 51825 code	G0G1G-0	Penetration DIN ISO 2137	
NLGI consistency class	1	60 strokes, 10 ⁻¹ mm	310–340
Thickener	Polyethylene	Corrosion protection	
Colour	Brown	SKF Emcor standard ISO 11007	0–0
Base oil type	Mineral	EP performance	
Operating temperature range	0 to 120 °C (32 to 248 °F)	Wear scar DIN 51350/5,	0,5 max.
Dropping point IP 396	210 °C (410 °F)	4-ball test, welding load DIN	
Base oil viscosity		51350/4	3 200 N
40 °C, mm ² /s	761	Koppers Method	
100 °C, mm ² /s	44	K36, 24h, ASTM D4425	<2
		Shelf life	5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

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