

# LMCG 1/0.4



## Grid and gear coupling grease

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
- High coupling wear protection
- Excellent oxidation stability
- Due to low oil bleeding tendency, suitable for use in centralized lubrication systems

## Overview

## Dimensions

Product weight	0.39 kg
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## Performance

Recommended applications	Grid and gear couplings Flexible heavy duty grid and gear couplings
Operating temperature range	0 – 120 °C
Dropping point (min) ISO 2176	210 °C
Penetration DIN ISO 2137, Worked, 60 strokes (10)	310-340
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	700 at 220°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	0.5 mm

EP performance - 4 ball - Weld load (min.) DIN 51350/4 3 200 N

Low temperature torque, Start/Running, mNm 369/223 at -40°C

## Properties

DIN 51825 code	G0G1G-0
NLGI consistency class	1
Thickener	Polyethylene
Colour	Brown
Base oil type	Mineral
Base oil viscosity DIN 51562 at 40 °C	761 mm
Base oil viscosity DIN 51562 at 100 °C	44 mm
Shelf life	5 year
Packsize	420 ml cartridge

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