

# LGMT 3/0.4

## General purpose industrial and automotive bearing grease

A mineral oil based, lithium soap thickened grease. This premium quality, general purpose grease is suitable for a wide range of industrial and automotive applications requiring stiff grease.

- Excellent rust inhibiting properties
- High oxidation stability within its recommended temperature range

### Overview



### Dimensions

|                |        |
|----------------|--------|
| Product weight | 0.4 kg |
|----------------|--------|

### Performance

|  |              |
|--|--------------|
| Suitable for High load applications                                      | -            |
| Suitable for Vertical shaft applications                                 | ++           |
| Suitable for applications with Oscilating movements                      | 0            |
| Suitable for applications with Severe vibrations                         | ++           |
| Suitable for applications that require Rust protection                   | +            |
| Suitable for applications that require Water resistance                  | +            |
| Suitable for applications that require Frequent start-up                 | 0            |
| Speed (max.) n x dm (x 1000)   | 300          |
| Operating temperature range  | -30 – 120 °C |
| Dropping point (min) ISO 2176  | 180 °C       |
| Penetration DIN ISO 2137, Worked, 60 strokes (10)                        | 220 - 250    |
| Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10          | 280          |
| Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, | 295          |

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Mechanical stability, V2F test, 144 hrs M

Corrosion protection, Emscor, ISO 11007, Distilled water 0-0

Corrosion protection, Emscor, ISO 11007 modified, Water washout 0-0

Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl -

Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C 1

Oil separation DIN 51817, 40°C, % 1-3

Lubrication ability, R2F test B at 120°C Pass

Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C 2 max.at 130°C

Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C 1000 at 130°C

Low temperature torque, Start/Running, mNm 150/100 at -30°C

## Properties

DIN 51825 code K3K-30

NLGI consistency class 3

Thickener Lithium

Colour Amber

Base oil type Mineral

Base oil viscosity DIN 51562 at 40 °C 125 mm

Base oil viscosity DIN 51562 at 100 °C 12 mm

Shelf life 5 year

Packsize 420 ml cartridge

Available for single point lubrication yes

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