

LGMT 2/18

General purpose industrial and automotive bearing grease

A mineral oil based, lithium soap thickened grease with excellent thermal stability within its operating temperature range. This premium quality, general purpose grease is suitable for a wide range of industrial and automotive applications.

- Excellent oxidation stability
- Good mechanical stability
- Excellent water resistance and rust inhibiting properties



Overview

Performance

| | |
|---|------------------|
| Speed (max.) n x dm (x 1000) | 300 |
| Dropping point (min) ISO 2176 | 180 °C |
| Base oil viscosity DIN 51562 at 40 °C | 110 mm |
| Base oil viscosity DIN 51562 at 100 °C | 11 mm |
| Penetration DIN ISO 2137, Worked, 60 strokes (10-1mm) | 265 - 295 |
| Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10-1mm | +50 |
| Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10-1mm | +50 |
| Mechanical stability, V2F test, 144 hrs | M |
| Corrosion protection, Emcor, ISO 11007, Distilled water | 0-0 |
| Corrosion protection, Emcor, ISO 11007 modified, Water washout | 0-0 |
| Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl | - |
| Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C | 1 |
| Oil separation DIN 51817, 40°C, % | 1-6 |
| Lubrication ability, R2F test B at 120°C | Pass |
| Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C | 2 max.at 110°C |
| Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C | 1000 at 100°C |
| Low temperature torque, Start/Running, mNm | 300/100 at -30°C |

Product weight

18 kg

Properties

| | |
|-----------------------------|---------------|
| DIN 51825 code | K2K-30 |
| NLGI consistency class | 2 |
| Thickener | Lithium |
| Colour | Red Brown |
| Base oil type | Mineral |
| Operating temperature range | -30 to +120°C |
| Shelf life | 5 year |

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