LGMT 2/0.035



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

Dimensions

Product weight	0.035 kg

Performance

Suitable for High load applications	–
Suitable for Vertical shaft applications	0
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	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10	+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

Properties

DIN 51825 code	K2K-30
NLGI consistency class	2
Thickener	Lithium
Colour	Red Brown
Base oil type	Mineral
Base oil viscosity DIN 51562 at 40 °C	110 mm
Base oil viscosity DIN 51562 at 100 °C	11 mm
Shelf life	5 year
Packsize	35 g tube
Available for single point lubrication	no

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