LGEP 2/0.4

High load, extreme pressure bearing grease

A mineral oil based, lithium soap thickened grease with extreme pressure additives. This grease provides good lubrication in general applications subjected to harsh conditions and vibrations.

- Excellent mechanical stability
- Extremely good corrosion inhibiting properties
- Excellent EP performance

Overview

Dimensions

Product weight	0.38 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	++
Speed (max.) n x dm (x 1000)	300
Operating temperature range	-20 – 110 °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,	+50

ASTM D1831 (max.) 50 hrs at 80°C, 10	
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, %	2-5
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 110°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1.4 mm
EP performance - 4 ball - Weld load (min.) DIN 51350/4	2 800 N
Low temperature torque, Start/Running, mNm	200/50 at -20°C

Properties

DIN 51825 code	KP2G-20
NLGI consistency class	2
Thickener	Lithium
Colour	Light brown
Base oil type	Mineral
Base oil viscosity DIN 51562 at 40 °C	200 mm
Base oil viscosity DIN 51562 at 100 °C	16 mm
Shelf life	5 year
Packsize	420 ml cartridge
Available for single point lubrication	yes

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