



Image may differ from product. See technical specification for details.

LGGB 2/0.4

Biodegradable bearing grease

A biodegradable, low toxicity, synthetic ester oil based grease, using a lithium-calcium thickener. Its special formulation makes it suitable for applications where environmental impact is a concern.

- Compliance with current regulations on toxicity and biodegradability
- Good performance in applications with steel-on-steel spherical plain bearings, ball bearings and roller bearings
- Good low temperature start-up performance
- Good corrosion inhibiting properties
- Suitable for medium to high loads

Overview

Dimensions

Product weight	0.4 kg
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Performance

Recommended applications	Applications where grease can leak into the environment Mining and conveying equipment Water treatment and irrigation Locks, dams, bridges
Suitable for High load applications	O
Suitable for Vertical shaft applications	O
Suitable for applications with Oscilating movements	+
Suitable for applications with Severe vibrations	-
Suitable for applications that require Rust protection	O
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	-40.0 – 90.0 °C
Dropping point (min) ISO 2176	170 °C
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	+70
Mechanical stability, V2F test, 144 hrs	-
Corrosion protection, Emscor, ISO 11007, Distilled water	0-0
Corrosion protection, Emscor, ISO 11007 modified, Water washout	-
Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl	-
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	0
Oil separation DIN 51817, 40°C, %	0.8-3
Lubrication ability, R2F test B at 120°C	Pass at 100°C
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	-
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 100°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1.8 mm
EP performance - 4 ball - Weld load (min.) DIN 51350/4	2 600 N

Properties

DIN 51825 code	KPE2K-40
NLGI consistency class	2
Thickener	Lithium/calcium
Colour	Off white
Base oil type	Synthetic ester
Base oil viscosity DIN 51562 at 40 °C	110 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	13 mm ² /s
Shelf life	2 year
Packsize	420 ml cartridge
Available for single point lubrication	yes

Logistics

Product net weight	0.4 kg
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Recommended product

Biodegradable bearing grease	LGGB 2/18
Biodegradable bearing grease	LGGB 2/180
Biodegradable bearing grease	LGGB 2/5

Recommended tool

SKF Battery Driven Grease Gun TLGB 20	TLGB 20
Battery driven grease gun (110V charger)	TLGB 20/110V
SKF Lincoln Battery Driven Grease Gun TLGB 1262-E	TLGB 1262-E
SKF Lincoln Battery Driven Grease Gun TLGB 1886-E	TLGB 1886-E
SKF Grease Gun TLGH 1	TLGH 1

SKF Grease Gun 1077600	1077600
SKF Grease Gun 1077600 H	1077600 H
SKF Grease Gun 1077600/SET	1077600/SET
SKF Grease Gun LAGH 400	LAGH 400



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