

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

LGHQ 2/1

Electric motor bearing grease

A mineral oil based grease using a di-urea thickener. It is suitable for electric motors and similar applications. It is specifically designed for usage with single point lubricators.

- Excellent dispensability in lubricators
- Extremely long grease life
- Wide temperature range
- High thermal and mechanical stability
- Excellent corrosion protection

Overview

Performance

Base oil viscosity DIN 51562 at 100 °C	12 mm^2/s
Base oil viscosity DIN 51562 at 40 °C	110 mm^2/s
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1b max. at 100°C
Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl	-
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-1
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
Dropping point (min) ISO 2176	260 °C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	1 mm
EP performance - 4 ball - Weld load (min.) DIN 51350/4	2 600 N
Lubrication ability, R2F test B at 120°C	Pass at 100°C
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10^{-1}mm	385 max.
Mechanical stability, V2F test, 144 hrs	-
Oil separation DIN 51817, 40°C, %	1-3
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10^{-1}mm	385 max.
Penetration DIN ISO 2137, Worked, 60 strokes (10^{-1}mm)	265 - 295
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 160°C
Speed (max.) n x dm (x 1000)	500
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1

Properties

Available for single point lubrication	yes
Base oil type	Mineral
Colour	Blue
DIN 51825 code	K2P-30
NLGI consistency class	2
Operating temperature range	-30.0 – 160.0 °C
Packsize	1 kg can
Recommended applications	Electric motors Industrial fans Water pumps Vertical shaft applications
Shelf life	5 year
Suitable for High load applications	O
Suitable for Vertical shaft applications	O
Suitable for applications that require Frequent start-up	+
Suitable for applications that require Rust protection	+

Suitable for applications that require Water resistance	++
Suitable for applications with Oscilating movements	–
Suitable for applications with Severe vibrations	––
Thickener	Polyurea

Logistics

Product net weight	1 kg
UNSPSC code	15121902
eClass code	23-06-01-01

Compatible products

Recommended product

Electric motor bearing grease	LGHQ 2/0.4
Electric motor bearing grease	LGHQ 2/5
Electric motor bearing grease	LGHQ 2/18
SKF SYSTEM 24 gas driven single point automatic lubricator	LAGD 60/HQ2
SKF SYSTEM 24 gas driven single point automatic lubricator	LAGD 125/HQ2
SKF SYSTEM 24 TLSD refill set	LGHQ 2/SD125
SKF SYSTEM 24 TLSD refill set	LGHQ 2/SD250
SKF SYSTEM 24 electro-mechanical single point automatic lubricator	TLSD 125/HQ2
SKF SYSTEM 24 electro-mechanical single point automatic lubricator	TLSD 250/HQ2
TLMR refill set	LGHQ 2/MR380

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