

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

Dimensions

Product weight	1 kg
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Performance

Recommended applications	Electric motors;Industrial fans;Water pumps;Vertical shaft applications
Suitable for High load applications	0
Suitable for Vertical shaft applications	0
Suitable for applications with Oscilating movements	-
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)	500

Operating temperature range -30 – 160 °C

Dropping point (min) ISO 2176 260 °C

Penetration DIN ISO 2137, Worked, 60 strokes (10) 265 - 295

Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 385 max.

Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 385 max.

Mechanical stability, V2F test, 144 hrs -

Corrosion protection, Emscor, ISO 11007, Distilled water 0-0

Corrosion protection, Emscor, ISO 11007 modified, Water washout 0-1

Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl -

Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C 1

Oil separation DIN 51817, 40°C, % 1-3

Lubrication ability, R2F test B at 120°C Pass at 100°C

Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C 1b max. at 100°C

Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C 1000 at 160°C

EP performance - 4 ball - Wear 1 mm

scar (max.) DIN
51350/5, 1400N

EP performance - 4 ball 2 600 N

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Weld load (min.) DIN
51350/4

Low temperature
torque,
Start/Running, mNm 550/100 at -30°C

Properties

DIN 51825 code K2P-30

NLGI consistency class 2

Thickener Polyurea

Colour Blue

Base oil type Mineral

Base oil viscosity
DIN 51562 at 40 °C 110 mm

Base oil viscosity
DIN 51562 at 100 °C 12 mm

Shelf life 5 year

Packsize 1 kg can

Available for single
point lubrication yes

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