

LGHP 2/1



High performance, high temperature bearing grease

A premium quality mineral oil based grease, using a modern Polyurea (di-urea) thickener. It is suitable for electric motors and similar applications.

- Extremely long life at high temperatures
- Wide temperature range
- Excellent corrosion protection
- High thermal and mechanical stability
- Good start-up performance at low temperatures
- Compatibility with common polyurea and lithium tickened greases
- Low noise properties

Overview

Performance

Base oil viscosity DIN 51562 at 100 °C	10.5 mm
Base oil viscosity DIN 51562 at 40 °C	96 mm
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	1 max. at 150°C
Corrosion protection, Emcor, ISO 11007 modified, 0.5% NaCl	0-0
Corrosion protection, Emcor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emcor, ISO 11007, Distilled water	0-0
Dropping point (min) ISO 2176	240 °C
Low temperature torque, Start/Running, mNm	1000/300 at -40°C
Lubrication ability, R2F test B at 120°C	Pass at 100°C
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10-1mm	365 max.
Mechanical stability, V2F test, 144 hrs	-
Oil separation DIN 51817, 40°C, %	3 max.
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10-1mm	365 max.
Penetration DIN ISO 2137, Worked, 60 strokes (10-1mm)	245 - 275
Product weight	1 kg
Rolling bearing grease life (max.) ROF	1000 at 150°C

test, L50 life, 10000 r/min, hrs at °C

Speed (max.) n x dm (x 1000)	300
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Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
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Properties

Base oil type	Mineral
Colour	Blue
DIN 51825 code	K2N-40
NLGI consistency class	2-3
Operating temperature range	-40 to +150 °C
Shelf life	5 year
Thickener	Polyurea

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