LGWA 2/0.2



Wide temperature range, extreme pressure, high load bearing grease

A premium quality mineral oil based, lithium complex grease with extreme pressure (EP) performance. LGWA 2 is recommended for industrial and automotive applications when loads or temperatures exceed the range of general purpose greases.

- Excellent lubrication at very peak temperatures for short periods
- Protection of wheel bearings operating under severe conditions
- Effective lubrication in wet conditions
- Good water and corrosion resistance
- Excellent lubrication under high loads and low speeds

Overview

Performance

Speed (max.) n x dm (x 1000)	300
Dropping point (min) ISO 2176	250 °C
Base oil viscosity DIN 51562 at 40 °C	185 mm
Base oil viscosity DIN 51562 at 100 °C	15 mm
Penetration DIN ISO 2137, Worked, 60 strokes (10-1mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10-1mm	+50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10-1mm	+50
Mechanical stability, V2F test, 144 hrs	-
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, %	1-5
Lubrication ability, R2F test B at 120°C	Pass at 100°C
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	2 max.

Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 120°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
Low temperature torque, Start/Running, mNm	150/100 at -20°C
Product weight	0.2 kg

Properties

Recommended applications	Fans and electric motors;Conveyor head and tail pulley bearings
DIN 51825 code	KP2N-30
NLGI consistency class	2
Thickener	Lithium complex
Colour	Amber
Base oil type	Mineral
Operating temperature range	-30 – 140 °C
Shelf life	5 year

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