



LGWA 2/50 Wide temperature range, extreme pressure, high load bearing grease

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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

Dimensions

Product weight

50 kg

Performance

Recommended applications	Fans and electric motors head and tail pulley bearings
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	300

x dm (x 1000)	
Operating temperature range	-30 – 140 °C
Dropping point (min) ISO 2176	250 °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	+50
Mechanical stability, V2F test, 144 hrs	M
Corrosion protection, Emscor, ISO 11007, Distilled water	0-0
Corrosion protection, Emscor, ISO 11007 modified, Water washout	0-0
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, %	1-5
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	min. 1000 at 130°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	KP2N-30
NLGI consistency class	2
Thickener	Lithium complex
Colour	Amber
Base oil type	Mineral
Base oil viscosity DIN 51562 at 40 °C	250 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	17 mm ² /s
Shelf life	5 year
Packsizes	50 kg drum
Available for single point lubrication	yes

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