

LGWA 2

SKF high load, extreme pressure, wide temperature range bearing grease

LGWA 2 is premium quality mineral oil based lithium complex grease with extreme pressure (EP) performance. LGWA 2 has such properties that it can be recommended for a wide range of industrial and automotive applications.

- Excellent lubrication at peak temperatures up to 220 °C (428 °F) 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

Typical applications:

- Wheel bearings in cars, trailers and trucks
- Washing machines
- Electric motors

Bearing operating conditions

Temperature	Medium to high
Speed	Low to medium
Load	High
Vertical shaft	○
Fast outer ring rotation	○
Oscillating movements	○
Severe vibrations	○
Shock load or frequent start-up	+
Low noise	—
Low friction	○
Rust inhibiting properties	+

+ = Recommended ○ = Suitable — = Not suitable

Available pack sizes LGWA 2

SYSTEM 24	35 g tube	200 g tube
420 ml cartridge	1 kg can	5 kg can
50 kg drum	180 kg drum	



Re-lubrication



Technical data

Designations	LGWA 2		
DIN 51825 code	KP2N-30	Water resistance	
NLGI consistency class	2	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Soap type	Lithium complex	Oil separation	
Colour	Amber	DIN 51 817, 7 days at 40 °C, static, %	1 - 5
Base oil type	Mineral ester	Lubrication ability	
Operating temperature range, °C (°F)	-30 to 140 (-22 to 284)	SKF R2F, running test B	Pass at 100 °C (212 °F)
Dropping point DIN ISO 2176, °C (°F)	> 250 (482)	Copper corrosion	
Base oil viscosity:		DIN 51 811, 100 °C	2 max. (150 °C/300 °F)
40 °C, mm ² /s	185	Rolling bearing grease life	
100 °C, mm ² /s	15	SKF R0F test L50 life at 10 000 rpm, hrs	-
Penetration DIN ISO 2137:		EP performance	
60 strokes, 10 ⁻¹ mm	265 - 295	Wear scar DIN 51350/5, 1 400 N, mm	1,6 max.
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)	4-ball test, welding load DIN 51350/4	2 600 N min.
Mechanical stability:		Fretting corrosion	
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+50 max. change	ASTM D4170 (mg)	
Roll stability, 72 hrs at 100 °C, 10 ⁻¹ mm	-	Designation	LGWA 2/(pack size)
SKF V2F test	'M'		
Corrosion protection:		<i>* Typical value</i>	
SKF Emcor			
- standard ISO 11007	0 - 0		
- water washout test	0 - 0		
- salt water test (100% seawater)	-		

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