



Re-lubrication



SKF Product Data Sheet

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	

Technical data

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

* Typical value

SKF Maintenance Products

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