

# SKF High load, extreme pressure, wide temperature range bearing grease

## LGWA 2

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

- Excellent lubrication at peak temperatures up to 220 °C (430 °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
- Fan and electric motors



### Available pack sizes

Packsize	Designation	Packsize	Designation
200 g tube	LGWA 2/0.2	<b>Electro-mechanical lubricators</b>	
420 ml cartridge	LGWA 2/0.4	TLSD series 125 ml	TLSD 125/WA2
1 kg can	LGWA 2/1	TLSD series 125 ml refill	LGWA 2/SD125
5 kg can	LGWA 2/5	TLSD series 250 ml	TLSD 250/WA2
18 kg pail	LGWA 2/18	TLSD series 250 ml refill	LGWA 2/SD250
50 kg drum	LGWA 2/50	<b>Electro-mechanical lubricant dispensers</b>	
180 kg drum	LGWA 2/180	TLMR 101 series 120 ml refill (incl. battery)	LGWA 2/MR120B
<b>Gas driven lubricators</b>		TLMR 201 series 120 ml refill	LGWA 2/MR120
LAGD series 60 ml	LAGD 60/WA2	TLMR 101 series 380 ml refill (incl. battery)	LGWA 2/MR380B
LAGD series 125 ml	LAGD 125/WA2	TLMR 201 series 380 ml refill	LGWA 2/MR380



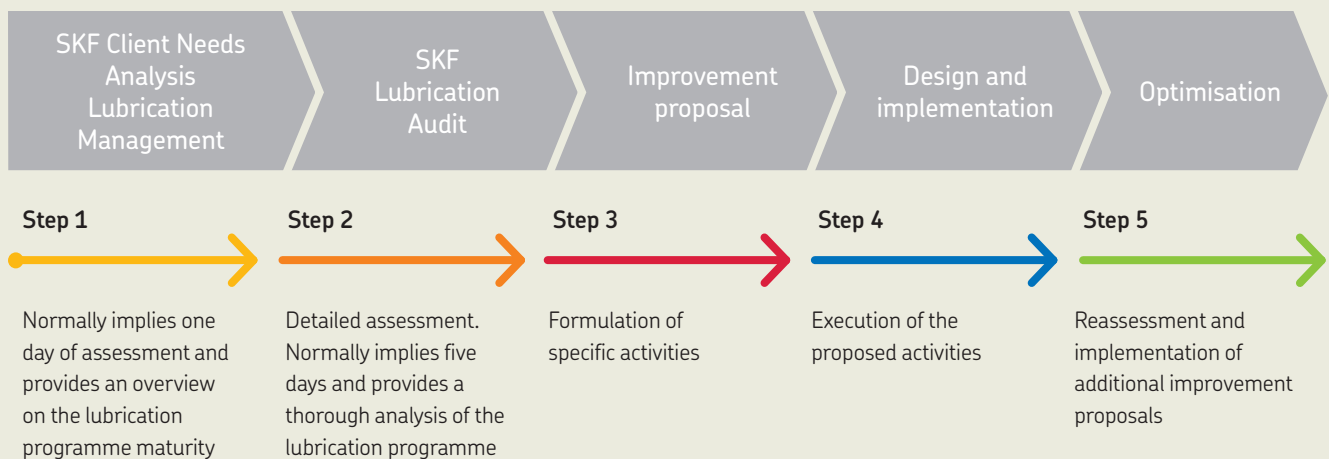
## Technical data

Designation	LGWA 2/(pack size)		
DIN 51825 code	KP2N-30	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium complex	– water washout test	0–0 <sup>1)</sup>
Colour	Amber	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–30 to +140 °C (–20 to +285 °F)	3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>250 °C (>480 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm <sup>2</sup> /s	185	7 days at 40 °C, static, %	1–5
100 °C, mm <sup>2</sup> /s	15	Lubrication ability	
Penetration DIN ISO 2137		R2F,	
60 strokes, 10 <sup>–1</sup> mm	265–295	running test B at 120 °C	Pass at 100 °C (210 °F)
100 000 strokes, 10 <sup>–1</sup> mm	+50 max. (325 max.)	Copper corrosion	
Mechanical stability		DIN 51 811	2 max. at 100 °C (210 °F)
Roll stability, 50 hrs at 80 °C, 10 <sup>–1</sup> mm	+50 max. change	EP performance	
V2F test	'M'	Wear scar DIN 51350/5, 1 400 N, mm	1,6 max.
		4–ball test, welding load DIN 51350/4, N	2 600 min.

<sup>1)</sup> Typical value

## Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



[skf.com](http://skf.com) | [mapro.skf.com](http://mapro.skf.com) | [skf.com/lubrication](http://skf.com/lubrication)

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