

SKF Bearing Grease

High load, wide temperature bearing grease

LGWM 2

SKF LGWM 2 is a synthetic-mineral oil based grease using calcium sulphonate complex thickener. It is suitable for applications subjected to high loads, wet environments and fluctuating temperatures.

- Excellent corrosion protection
- Excellent mechanical stability
- Excellent high load lubricating capacity
- Good false brinelling protection
- Good pumpability down to low temperatures

Typical applications

- Wind turbine mains shafts
- Heavy duty off road applications
- Snow exposed applications
- Marine and offshore applications
- Spherical roller thrust bearing applications



Available pack sizes

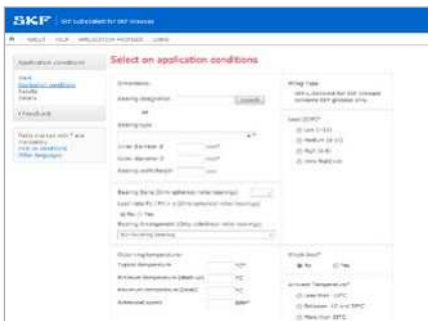
Packsize	Designation	Packsize	Designation
420 ml cartridge	LGWM 2/0.4	Electro-mechanical lubricant dispensers	
5 kg can	LGWM 2/5		
18 kg pail	LGWM 2/18	TLMR 101 series 380 ml refill (incl. battery)	LGWM 2/MR380B
50 kg drum	LGWM 2/50		
180 kg drum	LGWM 2/180	TLMR 201 series 380 ml refill	LGWM 2/MR380
Gas driven lubricator			
LAGD series 125 ml	LAGD 125/WM2		



Technical data

Designation	LGWM 2/(pack size)		
DIN 51825 code	KP2G-40	Corrosion protection	
NLGI consistency class	1-2	Emcor: – standard ISO 11007	0-0
Thickener	Complex calcium sulphionate	– water washout test	0-0
Colour	Light brown	– salt water test (0.5% NaCl)	0-0
Base oil type	Synthetic (PAO)/ Mineral	Water resistance	
Operating temperature range	-40 to +110 °C (-40 to +230 °F)	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>300 °C (>570 °F)	Oil separation	
Base oil viscosity		DIN 51 817, 7 days at 40 °C, static, %	1-3 at 60 °C (140 °F)
40 °C, mm ² /s	80	Lubrication ability	
100 °C, mm ² /s	10	R2F, running test B at 120 °C	Pass
Penetration DIN ISO 2137		Copper corrosion	
60 strokes, 10 ⁻¹ mm	280-310	DIN 51 811	2 max. at 100 °C (210 °F)
100 000 strokes, 10 ⁻¹ mm	+30 max.	Rolling bearing grease life	
Mechanical stability		ROF test	
Roll stability,		L ₅₀ life at 10 000 r/min., hrs	1 000 ¹⁾ at 110 °C (230 °F)
50 hrs at 80 °C, 10 ⁻¹ mm	+30 max.	EP performance	
		Wear scar DIN 51350/5, 1 400 N, mm	2 max.
		4-ball test, welding load DIN 51350/4, N	4 000 min.
		Shelf life	
			5 years

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

skf.com | skf.com/lubrication | skf.com/mapro

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