

SKF High load, extreme pressure bearing grease

LGEP 2

SKF LGEP 2 is mineral oil based, lithium soap thickened grease with extreme pressure additives. This grease provides good lubrication in general applications subjected to harsh conditions and vibrations.

- Excellent mechanical stability
- Extremely good corrosion inhibiting properties
- Excellent EP performance

Typical applications

- Pulp and paper making machines
- Jaw crushers
- Dam gates
- Work roll bearings in steel industry
- Heavy machinery, vibrating screens
- Crane wheels, sheaves
- Slewing bearings



Available pack sizes

Packsize	Designation
420 ml cartridge	LGEP 2/0.4
1 kg can	LGEP 2/1
5 kg can	LGEP 2/5
18 kg pail	LGEP 2/18
50 kg drum	LGEP 2/50
180 kg drum	LGEP 2/180
Electro-mechanical lubricant dispensers	
TLMR 101 series 380 ml refill (incl. battery)	LGEP 2/MR380B
TLMR 201 series 380 ml refill	LGEP 2/MR380



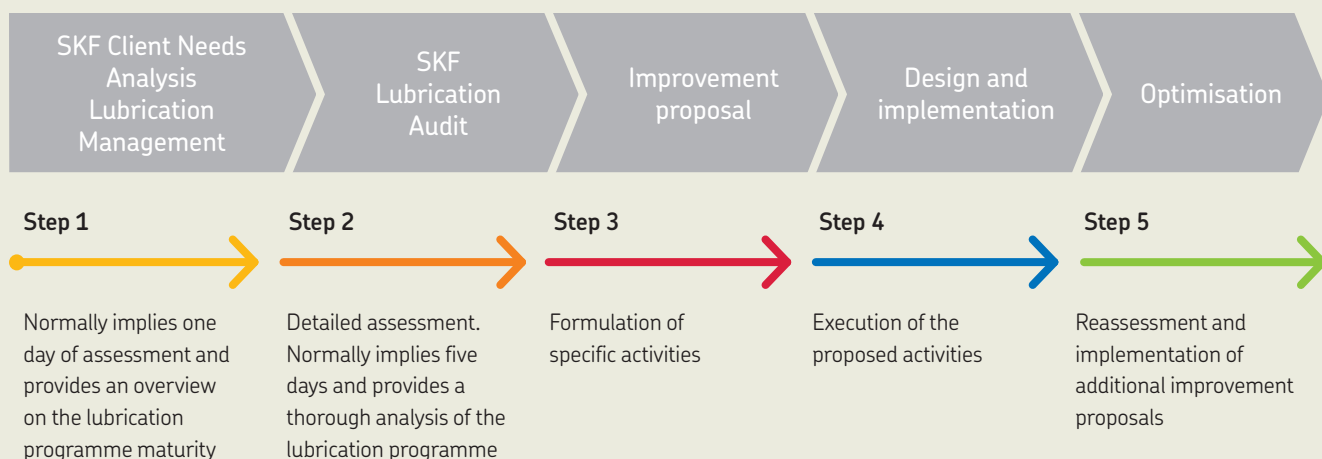
Technical data

Designation	LGEP 2/(pack size)		
DIN 51825 code	KP2G-20	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Lithium	– water washout test	0–0
Colour	Light brown	– salt water test (100% seawater)	1–1 ¹⁾
Base oil type	Mineral	Water resistance	
Operating temperature range	–20 to +110 °C (–5 to +230 °F)	DIN 51 807/1, 3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>180 °C (>355 °F)	Oil separation	
Base oil viscosity:		DIN 51 817, 7 days at 40 °C, static, %	2–5
40 °C, mm ² /s	200	Lubrication ability	
100 °C, mm ² /s	16	R2F, running test B at 120 °C	Pass
Penetration DIN ISO 2137		Copper corrosion	
60 strokes, 10 ^{–1} mm	265–295	DIN 51 811	2 max. at 110 °C (230 °F)
100 000 strokes, 10 ^{–1} mm	+50 max. (325 max.)	EP performance	
Mechanical stability:		Wear scar DIN 51350/5, 1 400 N, mm	1,4 max
Roll stability, 50 hrs at 80 °C, 10 ^{–1} mm	+50 max.	4-ball test, welding load DIN 51350/4, N	2 800 min.
V2F test	'M'	Fretting corrosion	
		ASTM D4170 (mg)	5,7 ¹⁾

¹⁾ 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.



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