

Electric motor bearing grease

LGHQ 2

SKF LGHQ 2 is a mineral oil based grease using a di-urea thickener. It is suitable for electric motors and similar applications. It is specifically designed for usage with single point lubricators.

- Excellent dispensability in lubricators
- Extremely long grease life
- Wide temperature range
- High thermal and mechanical stability
- Excellent corrosion protection

Typical applications

- Electric motors: Small, medium and large
- Industrial fans, including high speed fans
- Water pumps
- Rolling bearings in textile, paper processing and drying machines
- Vertical shaft applications



Available pack sizes

Packsize	Designation	Packsize	Designation
420 ml cartridge	LGHQ 2/0.4	Electro-mechanical lubricators	
18 kg pail	LGHQ 2/18	TLSD series 125 ml	TLSD 125/HQ2
Gas driven lubricators		TLSD series 125 ml refill	LGHQ 2/SD125
LAGD series 60 ml	LAGD 60/HQ2	TLSD series 250 ml	TLSD 250/HQ2
LAGD series 125 ml	LAGD 125/HQ2	TLSD series 250 ml refill	LGHQ 2/SD250
		Electro-mechanical lubricant dispensers	
		TLMR 101 series 380 ml refill	LGHQ 2/MR380B
		TLMR 201 series 380 ml refill (excl. battery)	LGHQ 2/MR380

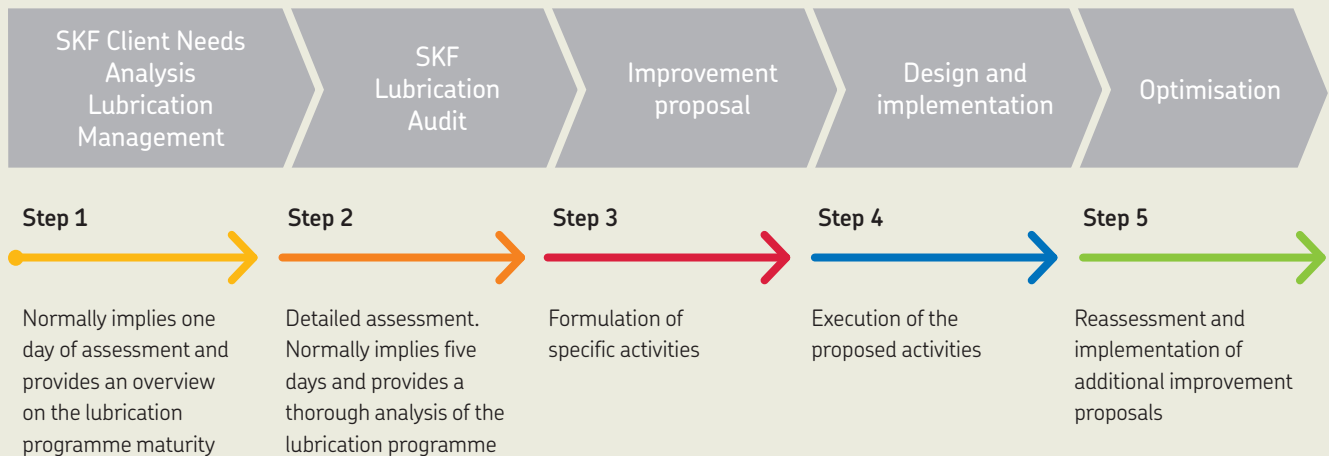


Technical data

Designation	LGHQ 2/(pack size)		
DIN 51825 code	K2P-30	Corrosion protection	
NLGI consistency class	2	Emcor: – standard ISO 11007	0–0
Thickener	Di-urea	– water washout test	0–1
Colour	Blue	Water resistance	
Base oil type	Mineral	DIN 51 807/1,	
Operating temperature range	–30 to +160 °C (–2 to +320 °F)	3 hrs at 90 °C	1 max.
Dropping point DIN ISO 2176	>260 °C (>500 °F)	Oil separation	
Base oil viscosity		DIN 51 817,	
40 °C, mm ² /s	110	7 days at 40 °C, static, %	1–3
100 °C, mm ² /s	12	Copper corrosion	
Penetration DIN ISO 2137		DIN 51 811	1b max. at 100 °C
60 strokes, 10 ⁻¹ mm	265–295	Rolling bearing grease life	
100 000 strokes, 10 ⁻¹ mm	385 max.	ROF test	1 000 min.
Mechanical stability		L ₅₀ life at 10 000 r/min., hrs	at 160 °C (302 °F)
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	385 max.	EP performance	
		Wear scar DIN 51350/5, 1 400 N, mm	1 max.
		4-ball test, welding load DIN 51350/4, N	2600 min.

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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