SKF Bearing Grease

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

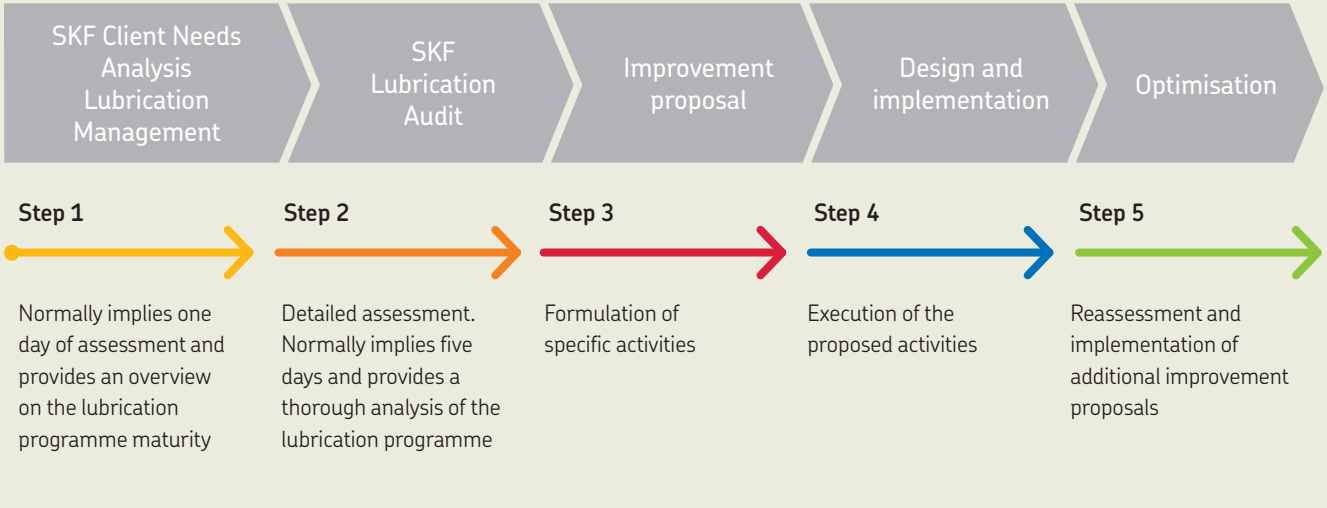
Packsize	Designation	Packsize	Designation
420 ml cartridge	LGHQ 2/0.4	**Electro-mechanical lubricators**	
1 kg can	LGHQ 2/1	TLSD series 125 ml	TLSD 125/HQ2
5 kg can	LGHQ 2/5	TLSD series 125 ml refill	LGHQ 2/SD125
18 kg pail	LGHQ 2/18	TLSD series 250 ml	TLSD 250/HQ2
Gas driven lubricators		TLSD series 250 ml refill	LGHQ 2/SD250
LAGD series 60 ml	LAGD 60/HQ2	**Electro-mechanical lubricant dispensers**	
LAGD series 125 ml	LAGD 125/HQ2	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
NLGI consistency class	2
Thickener	Di–urea
Colour	Blue
Base oil type	Mineral
Operating temperature range	–30 to +160 °C *(–2 to +320 °F)*
Dropping point DIN ISO 2176	>260 °C *(>500 °F)*
Base oil viscosity	
40 °C, mm^2/s	110
100 °C, mm^2/s	12
Penetration DIN ISO 2137	
60 strokes, 10^{-1} mm	265–295
100 000 strokes, 10^{-1} mm	385 max.
Mechanical stability	
Roll stability, 50 hrs at 80 °C, 10^{-1} mm	385 max.
Corrosion protection	
Emcor: – standard ISO 11007	0–0
– water washout test	0–1
Water resistance	
DIN 51 807/1, 3 hrs at 90 °C	1 max.
Oil separation	
DIN 51 817, 7 days at 40 °C, static, %	1–3
Copper corrosion	
DIN 51 811	1b max. at 100 °C
Rolling bearing grease life	
ROF test	1 000 min. at 160 °C *(302 °F)*
L_{50} life at 10 000 r/min., hrs	
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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