

Description

LGHP 2 is a premium quality grease, mineral oil based using Polyurea (di-urea) thickener. It has excellent lubrication properties for a wide temperature range from -40 °C (-40 °F) up to 150 °C (302 °F).

Application

- Extremely long life at high temperature
- Wide temperature range
- Excellent corrosion protection
- High thermal stability
- Good low temperature start-up performance
- Compatibility with common Polyurea greases
- Compatibility with lithium complex thickened greases



Available pack sizes

SYSTEM 24	420 ml cartridge	1 kg can	5 kg can	18 kg can	50 kg drum	180 kg drum
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Technical data

Designation	LGHP 2/(pack size)		
DIN 51825 code	K2N-40		i
NLGI consistency class	2 - 3		i
Soap type	di-urea		i
Colour	blue		i
Base oil type	mineral		i
Operating temperature range, °C (°F)	-40 to 150 (-40 to 300)		i
Dropping point DIN ISO 2176, °C (°F)	240 min. (464 min.)		i
Base oil viscosity			
40 °C, mm ² /s	96		
100 °C, mm ² /s	10,5		
Penetration DIN ISO 2137			
60 strokes, 10 ⁻¹ mm	245 - 275		i
100 000 strokes, 10 ⁻¹ mm	365 max.		
Mechanical stability			
Roll stability, 50 hours at 80 °C, change 10 ⁻¹ mm	365 max.		i
SKF V2F test	-		
Corrosion protection			
SKF Emcor:	Standard ISO 11007	0 - 0	i
	Water washout test	0 - 0	
	Salt water test (100% seawater)	0 - 0	
Water resistance			
DIN 51 807/1, 3 hrs at 90 °C	1 max.		i
Oil separation			
DIN 51 817, 7 days at 40 °C, static, %	0,7 - 3		i
Lubricating ability			
SKF R2F, running test B at 120 °C	pass		i
DIN 51819-2-C-1500/10-120 (FAG FE8 test)	pass		
Copper corrosion			
DIN 51 811, 100 °C	1 max. (150 °C/300 °F)		i
Rolling bearing grease life			
SKF R0F test L50 life at 10 000 rpm, hrs	1 000 min. at 150 °C (302 °F)		i
EP performance			
Wear scar, DIN 51350/5, 1 400 N, mm	-		i
4 ball test, welding load, DIN 51350/4	-		

