



Description

SKF grease LGWA 2 is a mineral oil based lithium complex soap thickened grease with extreme pressure additives. The properties of LGWA 2 allow it to be used in a wide range of applications. SKF grease LGWA 2 is extremely thermally stable within its operating temperature range which is an advantage at elevated operating temperatures. LGWA 2 can be used at operating temperatures ranging from -30 °C (-22 °F) to 140 °C (285 °F) and up to 220 °C (428 °F) for intermittent operation. These conditions can be experienced in the wheel bearings of vehicles fitted with disc brakes, especially during prolonged braking when descending hills or in heavy traffic where frequent braking is necessary.

Application

SKF grease LGWA 2 is suitable for the following applications:

- Wheel bearings in cars and trucks
- Washing machines
- Electric motors

Benefits

The high thermal stability of SKF grease LGWA 2 ensures good lubrication under severe operating conditions. The extreme pressure additive system minimises friction and wear of parts operating under high specific loads.



Available pack sizes

SYSTEM 24	35 g tube	200 g tube	420 ml cartridge	1 kg can	5 kg can	50 kg drum	180 kg drum
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Technical data

Designation	LGWA 2/(pack size)	
DIN 51825 code	K2N-30	i
NLGI consistency class	2	i
Soap type	lithium complex	i
Colour	amber	i
Base oil type	mineral	i
Operating temperature range, °C (°F)	-30 to 140 (-22 to 284)	i
Dropping point DIN ISO 2176, °C (°F)	>250 (482)	i
Base oil viscosity i		
40 °C, mm ² /s	185	
100 °C, mm ² /s	15	
Penetration DIN ISO 2137 i		
60 strokes, 10 ⁻¹ mm	265 - 295	
100 000 strokes, 10 ⁻¹ mm	+50 max. (325 max.)	
Mechanical stability i		
Roll stability, 50 hours at 80 °C, change 10 ⁻¹ mm	+50 max. change	
Roll stability, 72 hours at 100 °C, change 10 ⁻¹ mm	-	
SKF V2F test	'M'	
Corrosion protection i		
SKF Emcor:	Standard ISO 11007	0 - 0
	Water washout test	0 - 0
	Salt water test (100% seawater)	-
Water resistance i		
DIN 51 807/1, 3 hrs at 90 °C	1 max.	
Oil separation i		
DIN 51 817, 7 days at 40 °C, static, %	1 - 5	
Lubricating ability i		
SKF R2F, running test B	pass at 100 °C (212 °F)	
Copper corrosion i		
DIN 51 811, 100 °C	2 max. (110 °C/230 °F)	
Rolling bearing grease life i		
SKF ROP test L50 life at 10 000 rpm, MPa		

EP performance

ЗАО «БЕРГ АБ», (495) 727-22-72, promshop-biz@ya.ru, www.promshop.biz

Wear scar, DIN 51350/5, 1 400 N, mm
4 ball test, welding load, DIN 51350/4

1,6 max.
2 600 min.



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