

High viscosity lubrication systems grease

LGLS 2

SKF LGLS 2 is a high viscosity grease that has been developed to be used ideally via lubrication systems under medium to high ambient temperatures. Its anhydrous calcium thickener, combined with a high base oil viscosity, offers excellent water resistance and stickiness to surfaces as well as very good anti-wear properties.

- Excellent pumpability at medium to high ambient temperatures
- Excellent water resistance and corrosion protection
- Excellent anti-wear properties
- Excellent adhesion to surfaces

Typical applications

- Construction equipment
- Heavy duty off-road applications such as excavators, wheel loaders, etc
- Forestry and agricultural equipment such as forwarders and harvesters
- Collector trucks
- Chassis
- Harbour equipment
- Marine
- Wire rope lubrication
- Joints
- Slow plain bearings



Available pack sizes

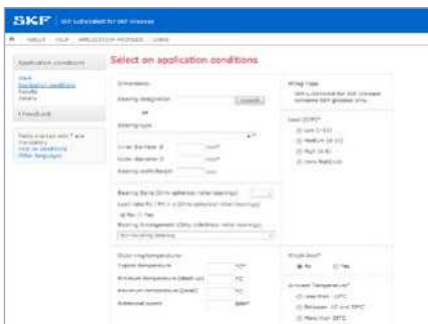
Packsizes	Designation
420 ml cartridge	LGLS 2/0.4
18 kg pail	LGLS 2/18
50 kg drum	LGLS 2/50
180 kg drum	LGLS 2/180



Technical data

Designation	LGLS 2/(pack size)		
DIN 51825 code	KP2K-20	Penetration DIN ISO 2137 60 strokes, 10 ⁻¹ mm	265–295
NLGI consistency class	2	Corrosion protection SKF Emcor standard ISO 11007 SKF Emcor water wash out	0-0 0-0
Thickener	Anhydrous calcium	Water washout ISO 11009, 1h/80 °C	5%
Colour	Red	Flow pressure at –20 °C	<1 400 mbar
Base oil type	Mineral oil & polymers	EP performance 4-ball test, welding load DIN 51350/4	2 800 N
Operating temperature range	–20 to +120 °C (–4 to +248 °F)	4-ball test, wear scar DIN 51350/5 @ 1 400N	<2
Dropping point IP 396	>140 °C (>284 °F)		
Base oil viscosity 40 °C, mm ² /s	1 300		
100 °C, mm ² /s	106		

These characteristics represent typical values.



Advanced tool for grease selection and relubrication calculation

LubeSelect for SKF greases

Selecting a suitable grease for a particular bearing is a crucial step if the bearing is to meet design expectations in its application. SKF knowledge about bearing lubrication has been encapsulated into a computer program that can be consulted at skf.com/lubeselect

LubeSelect for SKF greases provides you a user friendly tool to select the right grease and suggest frequency and quantity, while taking into account the particular conditions of your application. General guidelines for typical greases for different applications are also available.



Scan or click the QR code, or go to skf.com/lubeselect

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