

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

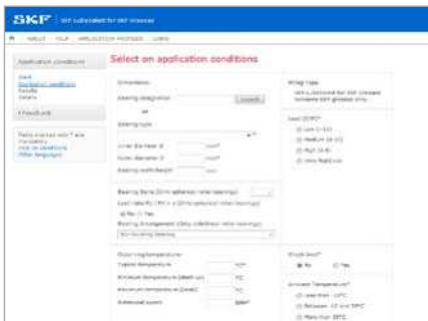
Packsize	Designation
420 ml cartridge	LGLS 2/0.4
18 kg pail	LGLS 2/18
50 kg drum	LGLS 2/50
180 kg drum	LGLS 2/180



Technical data

Designation	LGLS 2		
DIN 51825 code	KP2K-20	Corrosion protection, Emscor	
NLGI consistency class	2	ISO 11007 modified, Water washout	0-0
Thickener	Anhydrous calcium	Water resistance (max.)	
Colour	Red	Water wash-out test, ISO 11009	5%
Base oil type	Mineral oil & polymers	EP performance	
Operating temperature range	-20 to +120 °C (-4 to +248 °F)	4 ball - Wear scar (max.) DIN 51 350, 1 400 N, mm	2 max.
Dropping point (min), ISO 2176	>140 °C (>284 °F)	4 ball - Weld load (min.) DIN 51350/4, N	2 800 N
Base oil viscosity, DIN 51562		Other data	
40 °C, mm ² /s	1 300	Flow pressure, DIN 51805-2	<1 400 mbar @-20°C
100 °C, mm ² /s	106	Density (DIN 51757) at 20 °C (68 °F)	0.89
Penetration DIN ISO 2137		Shelf life	5 years
Worked, 60 strokes, 10 ⁻¹ mm	265–295		
Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+35 max.		

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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