

Wide temperature lubrication systems grease

LGLS 0

SKF LGLS 0 is a semi-fluid chassis grease that has been developed to be used via lubrication systems under low to medium 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 low to medium 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
- Joints
- Slow plain and rolling bearings



Available pack sizes

Packsize	Designation
18 kg pail	LGLS 0/18
50 kg drum	LGLS 0/50
180 kg drum	LGLS 0/180



Technical data

Designation LGLS 0

DIN 51825 code	KPOG-40
NLGI consistency class	0
Thickener	Anhydrous calcium
Colour	Red
Base oil type	Mineral oil & polymers
Operating temperature range	-40 to +100 °C (-40 to +212 °F)
Dropping point (min), ISO 2176	> 120
Base oil viscosity, DIN 51562	
40 °C, mm ² /s	1 370
100 °C, mm ² /s	96
Penetration DIN ISO 2137	
Worked, 60 strokes, 10 ⁻¹ mm	355-385
Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	+50 max.
Corrosion protection, Emcor	
ISO 11007, Distilled water	0-0

Water resistance (max.)

DIN 51 807/1, 3 hrs at 90 °C	0
Water wash-out test, ISO 11009	<10%

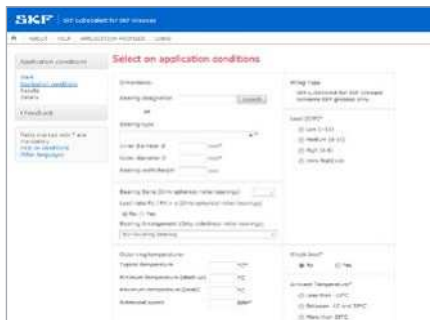
EP performance

4 ball - Wear scar (max.) DIN 51 350, 1 400 N, mm	2 max.
4 ball - Weld load (min.) DIN 51350/4, N	2 600 N

Other data

Koppers Method ASTM D4425. K36, 24h	
Flow pressure, DIN 51805-2	<1 400@ -40 °C
Density (DIN 51757) at 20 °C (68 °F)	0.89
Shelf life	5 years

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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