

# 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
18 kg pail	LGLS 2/18
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 <sup>-1</sup> 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	2%
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 <sup>2</sup> /s	1 300		
100 °C, mm <sup>2</sup> /s	106		

## Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.

