

G-LUBE Grease 01

Lithium-Calcium EP Grease – NLGI-Grade 2

Description **G-LUBE Grease 01** is a brown, lithium-calcium saponified grease with EP additives based on high quality mineral oil.

Application and Properties **G-LUBE Grease 01** suits for lubrication of rolling and plain bearings and with high shock loads and the influence of moisture.

Advantages:

- pumpable in central lubricating systems
- extremely resistant to oxidation
- water resistant
- high stability
- corrosion resistant
- high pressure load capacity
- good adhesiveness

Technical Data

Thickener		Lithium-Calcium-Soap
Operating temperature for long-term lubrication		-30 to +130°C
Short time admissible temperature peak value		+140°C
Permanent temperatures above 140°C require re-greasing at shorter intervals subject to thermal load		
Drop point	ASTM D 2265	> 170°C
Worked penetration after 60 strokes	ASTM D 217	265 to 295 1/10 mm
Penetration loss after 100 000 strokes	ASTM D 217	< 20 1/10 mm
Type of base oil		Mineral oil
Base oil viscosity at 40° C	ASTM D 445	220 mm ² /s
Water resistance	DIN 51 807-01	0 – 90
FAG – FE 9	DIN 51 821-02-A/1500/6000-130	F50 = 150h
SKF Emscor Test	IP 220/85	Corrosion degree 0/0
SKF Emscor Test (+ 3% NaCl)	IP 220/85	Corrosion degree 1/1
Copper Strip Test	ASTM D 4048	Corrosion degree 1 – 130
4 ball Test, welding load	DIN 51 350	2600 N
Timken-Test (good load)		40 lbs
Wear	DIN 51 434 T3	< 4 mg
Designation	DIN 51 502	KP 2 K-30

Subject to modification of the technical data. Please refer to the material safety data sheet for additional information or contact our application engineers.

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