



Technical Data Sheet
ELKALUB Special Grease
GLL 1

GLL 1 is a blue, pasty lubricating grease especially used for the lubrication of roller bearings in the temperature range from -20°C up to +120°C. It offers a good protection against wear and corrosion. **GLL 1** is resistant to oxidation and resistant to water up to 90°C.

Characterisation:	KP2K -20	DIN 51 825
Chemical Composition:	Mineral oil, additives for amelioration of oxidation stability, protection against corrosion and protection against wear, Li-soap	
Appearance:	Blue, pasty grease, free of impurities and solid foreign particles	
Worked penetration:	(255 +/- 15 units) x 0,1 mm	DIN ISO 2137
Base oil viscosity:	(68+/-2) mm ² /s at 40°C (9,5+/-1) mm ² /s at 100°C	DIN 51562-1
Density at 20°C:	c. 0,93 g/cm ³	
Water resistance:	0-90	DIN 51807-1
Oil separation:	DIN 51817 <1,25 K (i.e. 1,25% short test 18 h at 40°C) <3,6 N (i.e. 3,6 % normal test 7 d at 40°C)	
Welding load (SHELL 4 ball tester):	> 2200 N	DIN 51350-4
Dropping point:	>170°C	DIN ISO 2176
Temperature range:	-20°C up to +120°C	

These data are given in good faith and reflect our knowledge as of today. We reserve the right to modify and to substitute them.

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