



Product Description
ELKALUB GLS 135/N2
Special Grease

GLS 135/N2 is a lithium-saponified, water resistant universal grease of high efficiency. **GLS 135/N2** protects against corrosion and can be used for roller and slide bearings in the temperature range from -20°C up to $+120^{\circ}\text{C}$.

The short-fibred and homogeneous grease is excellently suitable for the lubrication of ball bearings up to a speed factor ndm of 500.000 as well as for linear units.

GLS 135/N2 is well conveyable in central lubricating systems (conveying test at Mess. bielomatik and Lincoln).

Technical data

Chemical composition	Mineral oil, lithium special soap, additives	
Characterization	KP2K-20	DIN 51 825
Appearance	light-brown-beige, short-fibrous	
Temperature range	-20 up to $+120^{\circ}\text{C}$	
NLGI-class	2	
Worked penetration	265-295 1/10 mm	DIN ISO 2137
Water resistance	(0-1)-90	DIN 51 807 T1
Dropping point in $^{\circ}\text{C}$	> 165	DIN ISO 2176
Base oil viscosity	100 mm^2/s 40°C	DIN 51 562
	10 mm^2/s 100°C	
Oil separation	$K < 1$; $N < 2$	DIN 51817
Flow pressure at 20°C	< 1400 hPa	DIN 51 805
EMCOR-test	0/0	DIN 51 802
Corrosion against copper	2 (24 h/ 120°C)	DIN 51 811
SHELL 4 ball tester		
welding load	> 2000 N	DIN 51 350 T4
SHELL 4 ball tester		
Diameter of calotte	0,93 (400 N, 1h)	DIN 51 350 T5

These data are issued in good faith and reflect our knowledge of today. We reserve the right to modify and/or supplement them.

Vöhringen, 12.03.2003/ap

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