

ELKALUB GLS 135/N2

Special grease

ELKALUB GLS 135/N2 is a lithium-saponified, water resistant and corrosion inhibiting universal grease. It can be used for roller and slide bearings in the temperature range from -20 °C to +120 °C.

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

ELKALUB GLS 135/N2 has a very low oil bleeding and separation tendency. Therefore it is well conveyable in central lubricating systems (conveying test at bielomatik and Lincoln).

Technical data:

Chemical composition	Mineral oil, lithium-special-soap, additives	
Classification	KP2K-20	DIN 51 825
Appearance	light brown-beige, short-fibrous	
Upper operating temperature [°C]	120	
Lowest operating temperature [°C]	-20	
Worked penetration	265 - 295	DIN ISO 2137
NLGI-grade	2	DIN 51 818
Base oil viscosity at 40 °C [mm ² /s]	100	DIN ISO 3448
Density at 25 °C [g/cm ³]	0,92	
Dropping Point [°C]	> 165	DIN ISO 2176
Water resistance	(0-1)-90	DIN 51 807-1
Oil separation (K) [%]	< 1	DIN 51 817
Oil separation (N) [%]	< 2	DIN 51 817
Four-ball tester (VKA)		DIN 51 350-4
Welding load [N]	1800	
Wear scar [mm]	0,66 (1 h, 400 N, 1440 min ⁻¹)	DIN 51 350-5
Flow pressure	< 1400 hPa (-20 °C)	DIN 51 805
EMCOR test	0/0	DIN 51 802
Corrosion against copper	0 (24 h/120 °C)	DIN 51 811

Alternative products **ELKALUB GLS 135/N1, GLS 135/N00**: Different NLGI classes
ELKALUB VP 874: NSF H1-certified

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

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