Product Description
ELKALUB GLS 380/N2
Grease For The Food Industry

Nonfood Compounds
Program Listed (H1)
(Registration 136696

GLS 380/N2 is a partly synthetic special grease for plain and antifriction bearings (mainly plain bearings with pairings of nonferrous metals and steel) as well as for chains in the temperature range from -10° C up to +120° C.
GLS 380/N2 is adhesive and can be applied in the presence of alcohol* and seawater.

Note that the dynamic stability (ndm-factor)drops off considerably under the influence of water and at the same time higher temperatures. **GLS 380/N2** is not resistant to acids and alkalis and should not be mixed with other greases.

Technical data

Characterisation	:	KP2K – 10	DIN 51 502
Chemical composition	:	Paraffin oil (DAB 10), Al-complex soap, polytetrafluorethylene, additives	
Appearance	:	White, smooth grease	
NLGI class	:	2	
Worked penetration	:	290 units	DIN ISO 2137
Worked penetration after 10.000 d-strokes		341 units	
Unworked penetration	:	225 units	
Apparent dyn. viscosity	:	beginning: 2.000 mPa^{x}s end: 1.690 mPa^{x}s	
Operating temperature	:	-10° C up to +120° C (short time +180° C) Standard values, consultation necessary.	
Water resistance	:	1-90	DIN 51 807
Dropping point in ° C		> 200	DIN ISO 2176
Oil separation		K < 1; N < 4	DIN 51 817
Density (T)	:	0,94-0,96	
Base oil viscosity	:	ISO VG 68 [72 mm²/s (40° C); 8,6 mm²/s (100° C)]	
4-ball tester runing/ load/welding load	:	2.400/2.600 N	DIN 51 350 T4
4-ball tester calotte diameter	:	0,32 mm (300 N, 1h, 1440 min^{-1})	
SHELL-roller-test (50h, 80°C)	:	414	ASTM D 1831
Iron corrosion		0 - no corrosion	
Copper corrosion	:	0 – no corrosion	

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

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Chemie-Technik GmbH D-72189 Vöhringen Robert-Bosch-Straße 19 Tel. +49 (0) 7454 9652 0 Fax +49 (0) 7454 9652 35 e-meil: elkalub@chemietechnik.com http://www.chemietechnik.com