



Technical Data Sheet
ELKALUB GLS 964/N2
H1 – Special Grease



Nonfood Compounds
Program Listed (H1)
(Registration 137204)

GLS 964/N2 is a lubricating grease with good wear and corrosion protection properties. It has been designed for use in roller and slide bearings, especially for permanently changing directions of movement.

The integrated thixotropy permits the build-up of a more solid grease collar at the outer side of bearings. By that, the spin-off of grease and the penetration of foreign particles is reduced.

Examples of application: gripper shafts, spindles, badly sealed bearings.

Technical data

Chemical composition	:	Polyalphaolefine, mineral oil, organic thickener, inorganic thickener, additives	
Characterisation	:	KPHC2K-20	DIN 51 825
Colour	:	white	
Operating temperature	:	-25° C up to +130° C	
NLGI-class	:	2	
Worked penetration	:	265-295 units	DIN ISO 2137
Unworked penetration	:	c. 190 – 225 units	DIN ISO 2137
Water resistance	:	(0-1)-90	DIN 51 807 T1
Dropping point	:	> 200° C	DIN ISO 2176
Base oil viscosity	:	ISO VG 150	DIN 51 562
Oil separation	:	K < 1,5	DIN 51817
Water resistance	:	0-40; 1-90	DIN 51 807 T1
Apparent dynamic viscosity	:	Initial value: 2108 mPa*s Final value: 1519 mPa*s	
Copper corrosion	:	0 - no corrosion	DIN 51 811
Iron corrosion	:	0 – no corrosion (salt spraying test)	
Four-ball-tester wear scar	:	0,55 mm (1000 N, 60 min., 500 min ⁻¹)	DIN 51350-5

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

Vöhringen, 13.05.2005/AP

Revision: 19.07.2005/AP/19.05.2010/AP