



Product Description
ELKALUB VP 818
Low-Noise Special Grease

VP 818 is a lithium-saponified, water resistant universal grease of high efficiency. **VP 818** 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 low-noise bearings up to a speed factor ndm of 500.000.

Technical data

Chemical composition	Mineral oil, lithium special soap, additives	
Characterization	KP2K-20	DIN 51 825
Appearance	light-brown-beige, short-fibred	
Temperature range	-20 up to $+120^{\circ}\text{C}$	
NLGI-class	2	
Worked penetration	265-295 1/10 mm	DIN ISO 2137
Water resistance	0-60, (0-1)-0	DIN 51 807 T1
Dropping point in $^{\circ}\text{C}$	> 165	DIN ISO 2176
Oil separation ¹⁾	$K < 1, N < 2$	DIN 51 817
Base oil viscosity	100 mm^2/s 40°C 10 mm^2/s 100°C	DIN 51 562
Flow pressure at -20°C	< 1400 hPa at -20°C	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 ²⁾	2000/2200 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, 29.06.98/ap
 Revision ¹⁾: 10.07.03 JB
 Revision ²⁾: 06.04.05 JB