

# ELKALUB VP 874

## H1 grease for linear guides

**ELKALUB VP 874** is a grease specially developed for linear guides. It shows very good results in service life and short stroke tests. The product has been tested at Bosch-Rexroth and is recommended for linear guides.

**ELKALUB VP 874** is also suitable for use in pneumatic cylinders as well as roller and plain bearings.

Due to its NSF-H1 registration, **ELKALUB VP 874** can also be used in food contact environments with food contact.



## Technical data:

Chemical composition	Synthetic oil, thickener, additives	
Classification	KPHC2H-20	DIN 51 825
Appearance	white	
Upper operating temperature [°C]	120	
Lowest operating temperature [°C]	-20	
Unworked penetration	185	DIN ISO 2137
Worked penetration	280	DIN ISO 2137
NLGI-grade	2	DIN 51 818
Base oil viscosity at 40 °C [mm <sup>2</sup> /s]	150 ± 10 %	DIN ISO 3448
Density at 25 °C [g/cm <sup>3</sup> ]	0,89	
Dropping Point [°C]	> 200	DIN ISO 2176
Water resistance	0-40, 1-90	DIN 51 807-1
Oil separation (K) [%]	< 1,0	DIN 51 817
Apparent dynamic viscosity		DIN 51 810-1
Initial value [mPa·s]	3500 ± 400 shear rate: 500 1/s	
End value [mPa·s]	2300 ± 400 shear rate: 500 1/s	
Four-ball tester (VKA)		DIN 51 350-4
Welding load [N]	800	
Wear scar [mm]	0,66 (1h, 400 N, 1440 min <sup>-1</sup> )	DIN 51 350-5
Worked pen. after 10.000 D-strokes	370	
Shell-roller-test [80°C]	340 (50h)	ASTM D 1831
iron corrosion	0 - no corrosion	
Copper corrosion	1-2	DIN 51 811
Registration no. (H1)	137665	

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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