



Product description

ELKALUB LA 1

Lubricating Concentrate

LA 1 is a lubricating concentrate which is added 15-20% to commercially available mineral oils (except hypoid oils) of ISO VG 46 up to ISO VG 100 in order to increase their load-carrying capacity. For very high loads it should be used undiluted

Due to the cleaning effect of LA 1, strongly contaminated systems should be rinsed before application of LA 1.

The main applications of the LA 1 are additives for hydraulic, circulation and gear oils, in roller and slide bearings, spindles, slideways, drive chains etc.

LA 1 is available in sprayform under the name FLC 1010.

Technical data

Chemical composition	Mineral oil, synthetic oil, EP-additives, corrosion and oxidation inhibitors
Temperatures of use	-20 up to +120° C
Density (25° C)	0,89 g/cm ³
Viscosity (25° C)	130 mm ² /s
Viscosity (40° C)	55-60 mm ² /s
Viscosity (100° C)	7,9 mm ² /s
Flash point	> 200° C
Corrosion against copper DIN 51-759-1-100 A3	1
Corrosion against iron (2h/40°C; with addition of 1% of a 10% NaCl-solution)	0
Operating load/welding load on SHELL 4 ball tester DIN 51 350	> 3000 N
Other SHELL 4 ball tester ..values	4258 N/mm ² (800N/10 min)

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

Vöhringen, 19.11.2002/ap
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