ELKALUB High-Performance Lubricating Oils Based Upon Mineral Oil Series LFC 1000

ELKALUB EP-high-performance lubricating oils based upon mineral oil are ready-for-use lubricants with special ELKALUB additivation.
They offer high protection against wear and corrosion and an excellent load carrying ability. Special inhibitors against ageing assure a long service life and safe operation. They should be used according to the viscosity prescriptions of the machine manufacturers. All **oils of the LFC 1000 group** are exempt from PCB and chlorine products and can be disposed of as normal used oils.

1. CLP-gear oils for industrial use for a temperature range from -10° C (-20° C) up to +120° C

Technical Data

Product	ISO VG	Viscosity at 25°C (mm^2/s)	Viscosity at 40°C (mm^2/s)	Viscosity at 100°C (mm^2/s)	SHELL 4 ball test operating load/ welding load DIN 51 350
LFC 1032	32	59,4	32	5,7	
LFC 1046	46	98,4	47	8,0	
LFC 1068	68	147,9	68	8,6	> 2200 N
LFC 1100	100	226,5	100,4	11,1	> 2200 N
LFC 1150	150	375,7	152	14,5	> 2200 N
LFC 1220	220	514,4	206,3	17,8	> 2200 N
LFC 1320	320	956	340,1	25,6	> 2200 N
LFC 1460	460	1335,2	468,3	31,2	> 2200 N
LFC 1680	680	2026	682,3	41	> 2200 N
LFC 11000	1000		991,4		
LFC 11500	1500		1521		

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2. Oils for hydraulic systems (HLP) for a temperature range from -20° C up to + 120° C

Technical Data

Product	ISO VG	Viscosity ati 25°C (cSt)	Viscosity at 40°C (cSt)	Viscosity at 100°C (cSt)	SHELL-4 ball test operating load welding load DIN 51 350
LFC 1022	22	37,4	20,8	4,1	
LFC 1032	32	59,4	32	5,7	
LFC 1046	46	98,4	47	8,0	
LFC 1068	68	147,9	68	8,6	> 2200 N

3. Oils for pneumatic systems for a temperature range from -20° C up to +80° (+100°) C.

Technical Data

Product	ISO VG	Viscosity ati 25°C (cSt)	Viscosity at 40°C (cSt)	Viscosity at 100°C (cSt)	SHELL-4 ball test operating load welding load DIN 51 350
LFC 1005	5	7,1	4,9	1,8	1600/1800 N
LFC 1010	10	14,8	9,2	2,6	1800/2000 N
LFC 1015	15	27,3	15,5	3,5	1800/2000 N
LFC 1022	22	37,4	20,8	4,1	