



**ELKALUB Paraffine Oils for Application in the Food and
Drink Industries with USDA H 1 Approval**
Series LFC 3000



Nonfood Compounds
Program Listed (H1)

The oils of the series LFC 3000 are mainly intended for application in the food and drink industry for temperatures from -10° (-20°) C up to $+120^{\circ}$ C.

These oils are highly resistant to aging and free from resinification. They can be applied in situations where incidental food contact is possible. We possess a USDA H1 approval for all viscosity grades. The oils of the series LFC 3000 offer a good protection against corrosion and are well compatible with plastics and sealings.

The products are compatible with mineral oils. The oils of the series LFC 3000 are mainly applied for gears and chains, as circulation oils, as well as for hydraulic and pneumatic systems.

**1. CLP-gear oils for industrial applications in the temperature range from -10
 (-20°) C up to $+120^{\circ}$ C**

Technical data

Product	ISO VG	Viscosity at 25° C (cSt) DIN 51562	Viscosity at 40° C (cSt) DIN 51562	Viscosity at 100° C (cSt) DIN 51562	SHELL 4 ball surface pressure 800N/10min (N/mm ²)	H1- Reg. No. by NSF
LFC 3032	32	62	31	5,2	1500	132923
LFC 3046	46	96	45	6,8	1800	132924
LFC 3068	68	164	71	8,8	1800	132925
LFC 3100	100	253	104	10,5	1400	132926
LFC 3150	150	458	146	16,3	1400	132927
LFC 3220	220	623	231	18,4	1500	132928
LFC 3320	320	884	318	25	1300	132929
LFC 3460	460	1398	474	30	1300	132930
LFC 3680	680	2082	690	42	1300	132931



2. Oils for hydraulic systems (HLP) in the temperature range from –20° C up to +120° C

Technical data

Product	ISO VG	Viscosity at 25° C (cSt) DIN 51562	Viscosity at 40° C (cSt) DIN 51562	Viscosity at 100° C (cSt) DIN 51562	SHELL 4 ball surface pressure 800N/10min (N/mm ²)	H1 Reg. No. by NSF
LFC 3015	15	27	17	3,6	500	132921
LFC 3022	22	37	21	4,2	1800	132922
LFC 3032	32	62	31	5,2	1500	132923
LFC 3046	46	96	45	6,8	1800	132924
LFC 3068	68	164	71	8,7	1800	132925

3. Oils for pneumatic systems in the temperature range from –20° C up to +120° C

Technical data

Product	ISO VG	Viscosity at 25° C (cSt) DIN 51562	Viscosity at 40° C (cSt) DIN 51562	Viscosity at 100° C (cSt) DIN 51562	SHELL 4 ball surface pressure 800N/10min (N/mm ²)	H1 Reg. No. by NSF
LFC 3015	15	27	17	3,6	500	132921
LFC 3022	22	37	21	4,2	1800	132922