



ELKALUB Silicone oils Series LFC 7000

The silicone oils of the series **LFC 7000** are chemically very neutral synthetic oils that show as high thermal stability. They are very water-repellent and possess a high oxidation stability and long shelf-life.

The high viscosity index of the silicone oils shows that they have a very flat viscosity-temperature profile.

Silicone oils are very suitable for lubrication in the lower and middle load range. Please take care of the selection of friction partners. Silicone oils are not recommended for the combination steel-steel.

Silicone oils are used as lubricants and also as release agents, maintenance products and slip agents as well as pressure and control unit liquids.

Technical data

| Product | Viscosity at 25°C mm ² /s | Viscosity at 40°C mm ² /s | Viscosity at 100°C mm ² /s | Viscosity index | Application temp. in °C | Density in g/cm ³ (at 25 °C) | Refraction index |
|-----------------|--|--|---|--------------------|----------------------------|---|---------------------|
| LFC 7038 | 50 | 38 | 16 | 437 | -55 / +140 | 0,96 | 1,40383 |
| LFC 7075 | 99 | 75 | 31 | 424 | -55 / +150 | 0,97 | 1,40446 |
| LFC 7260 | 340 | 262 | 108 | 441 | -50 / +150 | 0,97 | 1,40501 |
| LFC 7370 | 492 | 373 | 154 | 446 | -50 / +150 | 0,97 | 1,40501 |
| LFC 7750 | 938 | 750 | 311 | 496 | -50 / +150 | 0,97 | 1,40501 |

Note:

LFC 7260 with H1-approval



Nonfood Compounds
Program Listed (H1)
(Registration 133455)

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