# Polyglycol oil LFC 81000

The ELKALUB oils of the 8000 series are polyglycol oils. The oils are used for circulation and gear lubrication. The selected polyglycols are responsible for a low coefficient of friction, a high viscosity index and high oxidation stability. The oils are therefore suitable for lubrication points with larger sliding components (e.g. worm gears, step gears) and applications with special requirements for a constant oil viscosity at changing temperatures and an increased oil life. The EP additive of the LFC 8000 oils ensures a high seizure resistance and very good wear protection for gears and bearings (see also table FZG test). The medium ISO viscosities of the ELKALUB LFC 8000 oils are NSF H1-registration and can therefore be used in the food processing industry or related areas without hesitation. Please note: Polyglycol oils cannot be mixed with mineral oil-based lubricants. Compatibility with plastics, elastomers (except EPDM) and coatings (e.g. interior painting of gears) should be checked before use.

**BASE OIL** polyglycol

**OPERATING TEMPERATURE** -20 °C bis 120 °C

**VISCOSITY AT 40 ° C** 1000 mm²/s

**FIELD OF USE**

- transmission
- roller bearing
- bearings
- worm gear

**BUSINESS**

- print
- drive technology

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

**Produkt-Beratung: +49 7454 9652 0 | Mo – Fr 09 – 16 Uhr**

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- Furniture
- Wood
- bearing manufacturer
- plant construction

**PACKING**

- 5 l jug
- 20 l jug

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