

Polyglycol oil LFC 8100

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.
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Base oil

polyglycol

Operating temperature

-20 °C to 120 °C

Viscosity at 40°C

100 mm²/s

Functionality

- circulating oil

Suitable for

- gearboxes & gearing
- roller bearing
- slide bearing
- chains
- compressors

Diese Daten entsprechen unserem derzeitigen Kenntnisstand und wurden nach besten Wissen erstellt. Änderungen und/ oder Ergänzungen behalten wir uns vor.

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- worm gear
- gearboxes & gearing

Packaging

- 20 l jug

Industry

- printing industry
- drive technology
- furniture industry
- wood industry
- bearing manufacturer
- plant construction

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