

Klüberbio C 2-46

Rapidly biodegradable escalator chain oil



Benefits for your application

- Escalator chain oil
- Biodegradable
- Free from solvents
- Protects against wear
- Good penetrating properties

Description

Klüberbio C 2-46 is a biodegradable ester oil falling under the water hazard class 1.

It is free of solvents and offers good penetrating properties as well as wear protection.

Application

Klüberbio C 2-46 has been specifically designed for the lubrication of chains in passenger conveyors and escalators. It is also suitable for transport chains in agricultural and forestry machines.

Application notes

Klüberbio C 2-46 can be applied through drip feed lubrication systems, by brush or oil feeder. Lubrication by means of automatic or oil-mist lubrication systems is possible as well.

When using automatic lubrication, please observe the maximum viscosity specified by the manufacturer.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

| Pack sizes | Klüberbio C 2-46 |
|---------------|------------------|
| Canister 5 l | + |
| Canister 20 l | + |

| Product data | Klüberbio C 2-46 |
|--|--------------------------------|
| Article number | 009004 |
| Lower service temperature | -40 °C / -40 °F |
| Upper service temperature | 80 °C / 176 °F |
| Density, DIN 51757, 20 °C | approx. 0.89 g/cm ³ |
| ISO viscosity grade, DIN ISO 3448 | 46 |
| Biodegradability according to OECD 301 F, (within 28 days) | >= 60 % |
| Flash point, DIN EN ISO 2592, Cleveland, open-cup apparatus | >= 200 °C |
| Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C | approx. 46 mm ² /s |
| Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C | approx. 10 mm ² /s |
| Anticorrosive properties on steel, DIN ISO 7120, method A, steel, 24 h/60 °C | no rust corrosion degree |



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|---|------------------|
| Corrosion protection behaviour, DIN EN ISO 6270-2, condensation water in alternating atmosphere, 40 °C, material steel ST 37, corrosion after | >= 10 cycles |
| Pour point, DIN ISO 3016 | <= -40 °C |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 24 months |

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Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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