

UNISILKON TK 017 200 THERM, TK 017 500 THERM

High-temperature lubricating oils for rolling, plain and sintered metal bearings



Your benefits at a glance

- High thermal stability
- Good low-temperature performance
- Resistant to oxidation
- Resistant to ambient media
- Resistant to ambient media

Your requirements - our solution

UNISILKON TK 017/200 THERM & UNISILKON TK 017/500 THERM are special silicone based special purpose oils with excellent thermal stability, good low-temperature performance and resistance to oxidation. In addition, they exhibit low volatility having a low vapour pressure and are resistant to a wide range of ambient media.

Application

UNISILKON TK 017/200 THERM & UNISILKON TK 017/500 THERM are used for the lubrication of rolling and plain bearings as well as for the impregnation of porous sintered metal bearings and sintered formed parts.

Other applications:

- Plastics and rubber industry: Separating agent for semi-finished, finished parts. Preservative for elastomer materials

to protect against brittleness and cracking.

- Textile industry: Start up oil for gear pumps used in synthetic filament extrusion.
- Precision engineering: Instrument and bearing oil.
- Heat technology: Heat transfer fluids.

Application notes

UNISILKON TK 017/200 THERM & UNISILKON TK 017/500 THERM can be applied via drip-feed, brush or centralized lubrication systems. Impregnation of sintered metal components is achieved via vacuum impregnation.

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 | UNISILKON TK 017/200THERM | UNISILKON TK 017/500THERM |
|---------------|---------------------------|---------------------------|
| Canister 1 l | + | + |
| Canister 20 l | + | + |

| Characteristics | UNISILKON TK 017/200THERM | UNISILKON TK 017/500THERM |
|----------------------------------|---------------------------|---------------------------|
| Article number | 024086 | 024090 |
| Composition, type of oil | silicone oil | silicone oil |
| Colour space | brown | brown |
| Service temperature, lower limit | -30 °C | -15 °C |

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| Characteristics | UNISILKON TK 017/200THERM | UNISILKON TK 017/500THERM |
|--|--------------------------------|--------------------------------|
| Service temperature, upper limit | 250 °C | 250 °C |
| Density, DIN 51757, 20°C | approx. 1.08 g/cm ³ | approx. 1.10 g/cm ³ |
| Kinematic viscosity, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 25°C | approx. 200 mm ² /s | approx. 500 mm ² /s |
| Pour point, DIN ISO 3016 | ≤ -30 °C | ≤ -20 °C |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. | 12 months | 12 months |

Klüber Lubrication – your global specialist

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 90 years.

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