

ISOFLEX TOPAS L 3-600

Synthetic fluid grease



Your benefits at a glance

- Dynamically light fluid grease
- Resistant to ageing and oxidation
- Good corrosion protection
- Good wetting power

Your requirements - our solution

ISOFLEX TOPAS L 3/600 is a synthetic fluid grease for a wide service temperature range. It consists of synthetic hydrocarbon oil and lithium soap. ISOFLEX TOPAS L 3/600 is resistant to oxidation and ageing, has a good wetting power and protects against corrosion.

Application

Fluid grease, e.g. for the dip-feed lubrication of rolling and plain bearings, gears, worms and bolts.

Application notes

Dip-feed lubrication. Due to the large variety of different elastomers and plastics, their compatibility with the grease has to be checked prior to series application.

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 | ISOFLEX TOPAS L 3/600 |
|--------------|-----------------------|
| Can 1 kg | + |
| Bucket 23 kg | + |

| Characteristics | ISOFLEX TOPAS L 3/600 |
|--|--------------------------------|
| Article number | 004134 |
| Composition, thickener | lithium soap |
| Composition, type of oil | synthetic hydrocarbon oil |
| Colour space | beige |
| Texture | homogeneous , short fibrous |
| Service temperature, lower limit | -60 °C |
| Service temperature, upper limit | 120 °C |
| Density, Klüber method: PN 024, 20°C | approx. 0.83 g/cm ³ |
| Worked penetration, Klein, 25°C, lower limit | 550 0.1 mm |
| Worked penetration, Klein, 25°C, upper limit | 650 0.1 mm |

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| Characteristics | ISOFLEX TOPAS L 3/600 |
|--|-------------------------------|
| Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit | 300 mPas |
| Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit | 700 mPas |
| Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C | approx. 4 mm ² /s |
| Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C | approx. 18 mm ² /s |
| Copper corrosion, DIN 51811, 24 h, 100°C | 1 - 100 - 24 corrosion degree |
| Dropping point, DIN ISO 2176 / IP 396 | ≥ 180 °C |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 24 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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