

ISOFLEX TOPAS L 30

Low-temperature grease



Your benefits at a glance

- Synthetic low-temperature grease
- Good corrosion protection
- Resistant to ageing and oxidation
- Suitable for high speeds

Your requirements - our solution

ISOFLEX TOPAS L 30 is a high-speed and low-temperature grease for rolling and plain bearings. It is based on a synthetic hydrocarbon oil and lithium soap. This special grease is resistant to oxidation and ageing, protects against corrosion and is water resistant.

Application

For rolling and plain bearings requiring a low starting and running torque, such as in automotive engineering, machine tools and precision engineering. ISOFLEX TOPAS L 30 can also be used for slideways, bowden cables, door locks and small gears. Lubrication of tooth flanks of plastic/plastic gears and plastic/steel materials.

Application notes

The product is applied by brush, spatula or grease gun. Due to the great 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 30
Can 1 kg	+
Bucket 25 kg	+

Characteristics	ISOFLEX TOPAS L 30
Article number	004142
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. 0.86 g/cm ³
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	355 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	385 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	500 mPas

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Characteristics	ISOFLEX TOPAS L 30
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	2000 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 100°C	approx. 4 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 53000-1, based on standard / ASTM D445 / ASTM D7042, 40°C	approx. 17 mm ² /s
Copper corrosion, DIN 51811, 24 h, 100°C	1 - 100 - 24 corrosion degree
Dropping point, DIN ISO 22286 / IP 396	≥ 190 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 36 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 95 years.

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