

ISOFLEX TOPAS L 30

Low-temperature grease



Benefits for your application

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

Description

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
Tube 45 g	+
Can 1 kg	+
Bucket 25 kg	+

Product data	ISOFLEX TOPAS L 30
Article number	004142
Lower service temperature	-60 °C / -76 °F
Upper service temperature	120 °C / 248 °F
Colour space	beige
Texture	homogeneous
Texture	short-fibred
Density at 20 °C	approx. 0.86 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	355 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	385 x 0.1 mm
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 17 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 4 mm ² /s
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	500 mPas



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Shear viscosity at 25°C, shear rate 300 s ⁻¹ , equipment:rotational viscometer, upper limit value	2 000 mPas
Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C	1 - 100 corrosion degree
Drop point, DIN ISO 2176, 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 80 years.

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