

# ISOFLEX TOPAS L 3-600

Synthetic fluid grease



## Benefits for your application

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

## Description

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](http://www.klueber.com). You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	ISOFLEX TOPAS L 3/600
Bucket 23 kg	+



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Product data	ISOFLEX TOPAS L 3/600
Article number	004134
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, thickener	lithium soap
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. 0.83 g/cm <sup>3</sup>
Worked penetration, acc. to Klein, 25 °C, lower limit value	550 x 0.1 mm
Worked penetration, acc. to Klein, 25 °C, upper limit value	650 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, lower limit value	300 mPas
Shear viscosity at 25 °C, shear rate 300 s <sup>-1</sup> , equipment: rotational viscometer, upper limit value	700 mPas
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 18 mm <sup>2</sup> /s
Kinematic viscosity, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 4 mm <sup>2</sup> /s
Copper corrosion, DIN 51811, (lubricating grease), 24h/100°C	1 - 100 corrosion degree
Drop point, DIN ISO 2176	>= 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

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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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