

ISOFLEX ALLTIME SL 2

Dynamically light special grease



Benefits for your application

- For a wide service temperature range
- Resistant to ageing and oxidation
- Good corrosion protection
- Low starting and running torques
- For high speeds

Description

ISOFLEX ALLTIME SL 2 is a dynamically light lubricating grease, for e.g. high-speed rolling bearings operating in a wide temperature range. Its texture and consistency ensure low starting and running torques.

Application notes

The lubricant is applied by brush or spatula. Due to the great variety of different elastomers and plastics, compatibility with this grease has to be checked prior to series application.

Application

Suitable for applications where smooth operation is a key requirement, as are low starting and running torques and a wide service temperature range, e.g. in the textile industry and precision engineering.

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 ALLTIME SL 2
Can 1 kg	+
Bucket 25 kg	+

Product data	ISOFLEX ALLTIME SL 2
Article number	004126
Chemical composition, type of oil	synthetic hydrocarbon oil
Chemical composition, type of oil	ester oil
Chemical composition, thickener	lithium soap
Lower service temperature	-50 °C / -58 °F
Upper service temperature	150 °C / 302 °F
Colour space	beige
Texture	short-fibred
Texture	homogeneous
Density at 20 °C	approx. 0.96 g/cm ³
Worked penetration, DIN ISO 2137, 25 °C, lower limit value	265 x 0.1 mm
Worked penetration, DIN ISO 2137, 25 °C, upper limit value	295 x 0.1 mm
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, lower limit value	2 000 mPas
Shear viscosity at 25 °C, shear rate 300 s ⁻¹ , equipment: rotational viscometer, upper limit value	4 000 mPas



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Product data	ISOFLEX ALLTIME SL 2
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 25 mm ² /s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 5 mm ² /s
Corrosion inhibiting properties of lubricating greases, DIN 51802, (SKF-EMCOR), test duration: 1 week, distilled water	0 corrosion degree
Drop point, DIN ISO 2176, IP 396	>= 180 °C
Speed factor (n x dm)	approx. 1 000 000 mm/min
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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The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

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