

ISOFLEX ALLTIME SL 2

Dynamically light special grease



Your benefits at a glance

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

Your requirements - our solution

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

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.

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.

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
Cartridge 400 g	+
Can 1 kg	+
Bucket 25 kg	+

Characteristics	ISOFLEX ALLTIME SL 2
Article number	004126
Composition, thickener	lithium soap
Composition, type of oil	ester oil , synthetic hydrocarbon oil
Colour space	beige
Texture	homogeneous , short fibrous
Service temperature, lower limit	-50 °C
Service temperature, upper limit	150 °C
Density, Klüber method: PN 024, 20°C	approx. 0.96 g/cm ³

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Characteristics	ISOFLEX ALLTIME SL 2
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, lower limit	265 0.1 mm
Worked penetration, DIN ISO 2137 / ASTM D217, 25°C, upper limit	295 0.1 mm
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , lower limit	2000 mPas
Shear viscosity, Klüber method: PN 008@DIN 53019-1, equipment: rotational viscometer, 25°C, 300 s ⁻¹ , upper limit	4000 mPas
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 100°C	approx. 5 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 25 mm ² /s
SKF-EMCOR, DIN 51802, Klüber method: distilled water, 168 h	0 corrosion degree
Dropping point, DIN ISO 2176 / IP 396	≥ 180 °C
Speed factor (n x dm)	approx. 1000000 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 90 years.

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