

ISOFLEX TOPAS NCA 51

Synthetic low-temperature and long-term grease



Your benefits at a glance

- Synthetic long-term grease with a wide service temperature range
- Very low starting and running torque even at low temperatures
- Lubricating film spreads particularly well
- Good protection against wear
- Good anti-corrosion properties
- Resistant to ageing
- Excellent low-temperature behaviour
- Particularly suitable for the lubrication of small gears

Your requirements - our solution

ISOFLEX TOPAS NCA 51 is a special synthetic low-temperature and long-term grease. It consists of a synthetic hydrocarbon oil and a special calcium soap.

Application

Its excellent low-temperature properties make ISOFLEX TOPAS NCA 51 suitable for the automotive and other industries.

Small adjustment gears are reliably protected against wear throughout their useful life.

ISOFLEX TOPAS NCA 51 ensures constant low breakaway torques at friction points. These outstanding characteristics are required especially for the lubrication of seals in pneumatic installations.

Application notes

ISOFLEX TOPAS NCA 51 is easy to apply to the lubrication point by means of brushes or common metering equipment.

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 NCA 51
Cartridge 370 g	+
Can 1 kg	+
Bucket 25 kg	+

Characteristics	ISOFLEX TOPAS NCA 51
Article number	004205
Colour space	beige
Texture	fibrous , homogeneous
Density, Klüber method: PN 024, 20°C	approx. 0.88 g/cm ³

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Characteristics	ISOFLEX TOPAS NCA 51
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. 5.9 mm ² /s
Kinematic viscosity of the base oil, DIN EN ISO 3104 / DIN 51562-1 / ASTM D445 / ASTM D7042, 40°C	approx. 30 mm ² /s
Copper corrosion, DIN 51811, 24 h, 120°C	1 - 120 - 24 corrosion degree
Dropping point, DIN ISO 2176 / IP 396	≥ 200 °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 90 years.

Klüber Lubrication München GmbH & Co. KG /
Geisenhausenerstraße 7 / 81379 München / Germany /
phone +49 89 7876-0 / fax +49 89 7876-333.

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