Klüberalfa K 3-730

High-performance lubricant for small switch contacts

Your benefits at a glance

- **Increased operativeness of contacts due to surface protection**
- **Cost-efficient spray or immersion application**

Your requirements - our solution

As a manufacturer of small switch contacts, you need to obtain short switching times over a wide temperature range.

The viscosity of the active agent in Klüberalfa K 3-730 is not very temperature-dependent. In combination with minimum quantity lubrication, this keeps switching times short, even at low temperatures. Klüberalfa K 3-730 protects surfaces effectively against tribological ageing without increasing contact resistance. This enables you to attain more switching cycles, depending on the material.

Application

Klüberalfa K 3-730 is suitable for the large-batch lubrication of e.g. relay contacts of different shapes and materials which have to meet stringent requirements in e.g. telecommunications, automation technology or car manufacture.

Application notes

We recommend applying Klüberalfa K 3-730 by means of automatic spraying systems or immersion bath onto the clean contacts. A low-boiling, non-flammable solvent ensures quick drying.

An average film thickness of less than 2 µm is sufficient in most cases.

Before applying Klüberalfa K 3-730 the contacts should be free of contamination and punching oil residues in order to ensure good wetting of the entire contact surface. For detailed information on spray or immersion application, please seek advice from one of our sales engineers. In general, Klüberalfa K 3-730 is compatible with plastics, however due to the great number of different plastics we recommend checking compatibility 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	Klüberalfa K 3-730
Canister 1 l	+

Product data	Klüberalfa K 3-730
Article number	907015
Chemical composition, type of oil	PFPE
Colour space	colourless
Density at 20 °C	approx. 1.70 g/cm³
Density of the base oil, DIN 51757, 20°C	approx. 1.83 g/cm³
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 40 °C	approx. 156 mm²/s
Kinematic viscosity of the base oil, DIN 51562 pt. 01/ASTM D-445/ASTM D 7042, 100 °C	approx. 50 mm²/s
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months

Product information

Klüberalfa K 3-730

High-performance lubricant for small switch contacts

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.

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