

WOLFRASYN ULAF

Graphite containing high-temperature paste



Description

WOLFRASYN ULAF is a graphite-containing high-temperature paste for thin-film lubrication of rolling and plain bearings. It has a chemical composition of polyalkylene glycol oil and an inorganic solid lubricant (graphite). The synthetic base oil evaporates at temperatures above 200 °C. The solid lubricant residue is effective up to 400 °C as a dry lubricant.

Application

Sliding points subject to high temperatures, e.g. in

WOLFRASYN ULAF has been proven as an effective lubricant in the glass industry, the ceramic industry kiln cars bear high temperature bearings and feeders. Other possible applications: steel mills, conveyor chains and conveyor chains are used in high temperature service for sliding bearings and rolling bearing lubricants.

Application notes

WOLFRASYN ULAF can be applied by brush, spatula or grease gun.

Minimum shelf life

The minimum shelf life is approx. 24 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

25 kg bucket
600 g can

WOLFRASYN ULAF

- Lubricating capacity up to 400°C
- Good corrosion protection
- High water resistance

Product data

Base oil	polyalkylene glycol
Solid lubricant	graphite
Thickener	lithium soap
Color	grey-black
Texture	homogeneous, fibrous
Service temperature range, [°C]*	-30 to 200
Cone penetration, DIN ISO 2137 worked penetration, 25 °C, [0.1 mm]	345 - 375
Kinematic viscosity of the base oil, DIN 51562 pt. 01, 40°C, [mm²/s], approx.	350
Corrosion protection, DIN 51802 (SKF-EMCOR) duration of test: 1 week, distilled water, corrosion degree	≤ 1
Water resistance, DIN 51 807 pt. 01, 3 h/90°C, rating	1-90

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechanical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

The data in this product information is based on our general experience and knowledge at the time of printing 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 tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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