



Special grease GLS 163

KPF2K-20

ELKALUB GLS 163 is a short-fibrous, green grease of an increased purity and a high resistance to pressure for use in roller and antifriction bearings. The grease has a very thixotropic behaviour, which means, that the penetration values are almost 100 points lower in state of rest (the grease is more solid). This behaviour is of advantage in badly sealed bearings

These data are released in good faith and express our knowledge as of today. We reserve the right to modify and/or supplement them.



Produkt-Beratung: +49 7454 9652 0 | Mo-Fr 09-16 Uhr

ELKALUB Hochleistungs-Schmierstoffe | Chemie-Technik GmbH

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or in bearings with a higher tolerance. The conveyability of ELKALUB GLS 163 in central lubrication units is good. The grease does not bleed. Because of the thixotropy, the supply bin must have a follow-up piston to put the grease under pressure. Slight pressure renders the grease immediately flowable. The fine-granular, partly synthetic grease has a very flexible texture, therefore being excellently suited for small, perpetually changing alterations of guide motion. In state of rest, the grease regenerates almost to its initial values. Due to its chemical composition, ELKALUB GLS 163, under increased temperatures which can result from exterior or interior conditions, builds up MoS₂. In these cases, MoS₂ takes over the lubrication. The points of lubrication then look grey or black. Examples for application: Gripper shafts (also in UV and varnish areas), spindles, badly sealed slow bearings, wellsealed rapid bearings.

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Base oil

mineral oil

Thickener

polyurea, solid lubricant

Operating temperature

-20 °C bis 130 °C

Viscosity

100 mm²/s

NLGI class

1-sehr-weich, 2-weich

Suitable for

- roller bearing
- slide bearing
- open gears
- racks

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Packaging

- 250 g tube
- 100 g cartridge
- 380 g LubeShuttle
- 400 g cartridge
- 5 kg bucket
- 18 kg hobbock
- 50 kg hobbock

Industry

- printing industry
- power tools
- bearing manufacturer

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