

FETT 5300

Special grease with PTFE

Description

This synthetically based specially developed high-performance grease with white solid lubricants prevents wear at low speeds and hence guarantees long service life. Thanks to its special additives, it has a high weld force and thus can also stand up to the highest pressures.

Advantages

- improved emergency running properties
- inhibits tribocorrosion
- excellent low-temperature properties
- very high UV resistance
- excellent corrosion protection
- very good adhesion
- increased oxidation resistance

Field of application

FETT 5300 is ideal for roller and plain bearings which are exposed to high loads, wet environments and varying temperatures.

For example, for spherical and tapered roller bearings, ball bearings and other types of axial bearings.

FETT 5300 is extremely well suited for plain bearings with oscillating motion.

Specifications

KPF2 K-30 in accordance with DIN 51502

Technical data

Properties	Unit	Tested according to	Values
Thickener			Li-Ca soap
Colour			beige
Worked penetration	0.1 mm	DIN ISO 2049	265 - 295
NLGI class		DIN ISO 2137	2
Drop point °C		DIN 51818	≥ 150
Base oil viscosity at 40 °C	mm ² /s	DIN ISO 2176	800
Operating temperature range	°C	DIN ISO 3104	-30 to +120
Water resistance		DIN 51807/T1	0 - 90
Corrosion test on copper	24 h / 100 °C	DIN 51811	1 - 100
Corrosion test to EMCOR		DIN 51802	0
VKA weld load	N	DIN 51350-4	3200
Flow pressure	mbar (-30°C)	DIN 51805	<1400
Speed factor			<200,000

Water hazard class: WGK 1

Disposal code: VeVA/EWC 120 112

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available for the product described.



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