

Foodgrease SPH 2

Art. 728

Description: Foodgrease SPH 2 is a synthetic high-temperature lubricating grease for machinery used by the food, fodder and pharmaceutical industries and their suppliers.

Application areas: Greasing points mainly in high-temperature zones of production, transfer, filling and packaging machines, electric motors, blowers, pumps, etc. (e.g. sleeve and roller bearings, slideways, etc.).

Product characteristics

- Lubricant complying with FDA regulation No. 21 CFR 178.350, NSF H1-registered, odourless and tasteless
- High basis oil viscosity with reduced-volatility. Medium consistency. Contains special additives for high-temperature applications. Formulated for low to medium speed bearings
- Excellent protection against wear
- Good water resistance and corrosion protection
- Does not affect normal seal materials, paints and varnishes
- Free of vegetable and animal esters
- Product is free of mineral oil

Benefits

- High security against product contamination. Facilitates compliance with hygiene regulations as per Foodstuffs and utility articles ordinance (LGV). Supports the duty of care and compliance with the quality management according to DIN EN ISO 9001.
- Protective lubrication film guaranteed over a wide operating range.
Easily extruded by normal grease guns.
Good flowability in central greasing systems (note admissible consistency class NLGI).
- Outstandingly high operating safety for aggregates and machinery.
- Protects greasing points against corrosion.
- No machine retrofits or conversions required.
- High resistance to hydrolysis reduces sedimentation and deposits.
- This product meets the current oil technology health-related findings for the food, animal feed and pharmaceutical industries and their suppliers.

Usage:

- Not for use above the maximum admissible bearing speed characteristic.
- Foodgrease SPH 2 should not be mixed with other saponified greases. Mixing may soften the grease and make premature regreasing necessary in the meantime.
- Only unmixed Foodgrease SPH 2 meets the food-relevant requirements of FDA regulation No CFR 178.3570, NSF H1.
- NSF H1 applies to: lubricants with incidental contact to food / animal feed / pharmaceutical products.

Physical/chemical data: See overleaf

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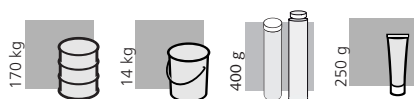
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Physical/chemical data:

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Complies with	FDA / NSF-H1 / (DIN V 10517, Kosher) food-relevant requirements
Doping type DIN 51502	KP HC 2R-30
Colour, appearance	brown-beige
Penetration DIN ISO 2137	NLGI 2
Thermal range of application	-30°C to +180/220°C
Grease type (thickener)	Bentonite
Basic oil	Mixture of synthetic hydrocarbons
Basic oil viscosity at 40°C: DIN 51659-2	400 mm ² /s
Speed characteristic (d _m xn) (= mean bearing dia. in mm multiplied by speed in rpm)	Up to 180'000 mm/minute
Corrosion protection behaviour (Emcor DIN 51802)	Corrosion degree 0, test criteria fulfilled
Pour point	None, infusible

Safety and environmental aspects:

ARD/RID:	not dangerous Do not allow product to get into ground water, water course or sewage system.
Ground water hazard class:	slightly water endangering (WHC 1)
EC-waste code:	12 01 12
CH-wast code:	identical to EC waste code (as per VeVA of 01.01.06)
Classification and labelling:	stated in the safety data sheet



Container sizes:

Drum: 170 kg Canister: 14 kg Cartridge: 400 g • 400 g L-SH Tube: 250 g

The data given on this sheet are based on properties and application possibilities as known to us. Blaser Swisslube AG will assume no liability for damage resulting from improper use of the products. No general legal liability can be derived from these data. 31.507 E (0524)

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