

Foodgrease SPM 00

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Description: Foodgrease SPM 00 is a synthetic lubricating grease for machinery used by the food, fodder and pharmaceutical industries and their suppliers.

Application areas: Greasing points in zones of production, transfer, filling and packaging machines.

Product characteristics

- Lubricant complying with FDA regulation No. 21 CFR 178.3570, NSF H1 registered, odourless and
- Designed to the purpose of base oil viscosity with reduced tendency to evaporate, even at a higher operating temperature
- Designed for high-pressure applications. Favorable low-temperature characteristics
- Excellent protection against wear
- Good protection against corrosion
- Does not affect normal seal materials, paints and varnishes
- Free of vegetable and animal esters
- Free of solvents and mineral oils. Free of genetically modified organisms (GMO)

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. Good flowability in central greasing systems even at low temperatures
- good back-flow behaviour in gears
- outstandingly high operation safety for aggregates and machinery
- protects greasing points against corrosion
- no machine retrofits or conversions required
- high resistance to hydrolysis reduces sedimentation and deposits
- corresponds to current health knowledge for lubricants used in the food-, feed- and pharmaceutical industries and their suppliers

Application:

- Foodgrease SPM 00 should not be mixed with other saponified greases. Mixing may soften the grease and make premature regreasing necessary in the meantime.
- Only unmixed Foodgrease SPM meets the food-relevant requirements of FDA regulation No. 21 CFR 178.3570, NSF H1.
- Significance of NSF H1: Lubricants that are approved for an incidental contact with food, feed and pharmaceutical products

Physical/chemical data: See overleaf

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Physical/chemical data:

	Foodgrease SPM 00
Characteristics	Semi-fluid grease
Complies with	Food technical lubricant according to FDA / H1
Doping type DIN 51502	KP HC 00 K-30/G HC 00 K-30 with high-pressure- (EP-) and wear-reducing (AW-) additives
Colour, appearance	Brown-beige
Penetration DIN ISO 2137	NLGI 00
Thermal range of application	-30 °C to +120 °/150 °C
Grease type (thickener)	Bentonite
Dropping point ISO 2176	none
Basic oil	Mixture of synthetic hydrocarbons
Basic oil viscosity at 40°C Basic oil viscosity at 100°C	ISO-VG 150 20 mm ² /s
Speed characteristic ($d_m \times n$) (= mean bearing dia. in mm multiplied by speed in rpm)	up to ca. 420'000 mm/minute
Corrosion protection behaviour (Emcor DIN 51802)	Corrosion degree 0, test criteria fulfilled
	<ul style="list-style-type: none"> - semi-fluid grease - central lubrications - gears charged with grease - Linear guides (e.g. ball-type nipples)

Safety and environmental aspects:

ADR/RID:

Precautions:

Water hazard class:

EC-waste code:

CH-waste code:

Classification and labelling:

not dangerous goods

Do not allow product to get into ground water, water course or sewage system.

slightly water endangering (WCH 1, German Regulation) 12 01 12

identical to EC waste code (as per VeVA of 01.01.06)

stated in the safety data sheet



Container sizes:

Drum: 170 kg • 45 kg

Canister: 14 kg

Cartridge: 380 g

The data given on this sheet are based on properties and application possibilities as known to us. Blaser Swissslube 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 (0625)