

Foodgrease SPM 1

Foodgrease SPM 2

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Description: Foodgrease SPM are synthetic lubricating greases for machinery used by the food, fodder and pharmaceutical industries and their suppliers.

Application areas: This lubricant complies with FDA regulation 21 CFR 178.3570, NSF H1. Thus, it can be used at greasing points on fabrication-, transfer-, filling- and packaging machines in the food industry. The lubricant supports a high level of safety regarding contamination of the manufactured goods, facilitates compliance with hygiene regulations as per foodstuffs and utility articles ordinance (LGV) as well as compliance with the duty of care.

Product characteristics

- Designed to the purpose of base oil viscosity with reduced tendency to evaporate, even at a higher operating temperature
- 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

- Protective lubrication film guaranteed over a wide operating range.
Good flowability in central greasing systems even at low temperatures
 - 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
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Application:

- Foodgrease SPM 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.
- In order to minimize risks when dealing with foodstuffs and utility articles ordinance, consult our application specialists for advice.

Physical/chemical data: See overleaf

Foodgrease SPM 1

Foodgrease SPM 2

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Physical/chemical data:

	Foodgrease SPM 1	Foodgrease SPM 2
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Characteristics	very soft grease	soft grease
Doping type DIN 51502	KP HC 1 K-30 with high-pressure- (EP-) and wear-reducing (AW-) additives	KP HC 2 K-30 with high-pressure- (EP-) and wear-reducing (AW-) additives
Colour, appearance	Brown-beige	Brown-beige
Penetration DIN ISO 2137	NLGI 1	NLGI 2
Thermal range of application	-30°C to +120°/150°C	-30°C to +120°/150°C
Grease type (thickener)	Bentonite	Bentonite
Dropping point ISO 2176	none	none
Basic oil	Mixture of synthetic hydrocarbons	Mixture of synthetic hydrocarbons
Basic oil viscosity at 40°C Basic oil viscosity at 100°C	ISO-VG 150 20 mm ² /s	ISO-VG 150 20 mm ² /s
Speed characteristic (d _m x n) (= mean bearing dia. in mm multiplied by speed in rpm)	up to ca. 420'000 mm/minute	up to ca. 420'000 mm/minute
Corrosion protection behaviour (Emcor DIN 51802)	Corrosion degree 0, test criteria fulfilled	Corrosion degree 0, test criteria fulfilled
	- very soft grease - central lubrications - Linear guides (e.g. ball-type nipples) - sliding surfaces	- soft universal grease - roller- and friction bearings - Linear guides (e.g. ball-type nipples) - sliding surfaces

Safety and environmental aspects:

ADR/RID:
Precautions:

not dangerous goods
do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.
considerably hazardous to water (WGK 2)
12 01 12
identical to EC waste code (as per VeVA of 01.01.06)
stated in the safety data sheet

Water hazard class:
EC-waste code:
CH-waste code:
Classification and labelling:



Container sizes:

Drum: 170 kg • 45 kg

Canister: 14 kg

Cartridge: 400 g • 400 g L-SH

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. 31.546 E (0424)