

# Foodgrease SPU 000

## Foodgrease SPU 00

### Foodgrease SPU 0

Art. 5730 / 5731 / 5732

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**Description:** Synthetic aluminium-complex lubricating grease for the food, animal feed and pharmaceutical industries and their suppliers.

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**Applications:** – lubricating points on production, transfer, filling and packaging machinery.

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#### Product characteristics

- Lubricant complying with der FDA regulation 21 CFR 178.3570, NSF H1 registered, DIN EN ISO 21469 certified, odourless and tasteless
- Ideal for extreme conditions
- Excellent compatibility with plastics
- Excellent protection against abrasion and wear
- Good corrosion protection
- Good media compatibility
- Free of vegetable and animal esters
- Free of mineral oil.  
Free of genetically modified organisms (GMO)

#### Benefits

- High security against product contamination. Ensures compliance with HACCP food law hygiene regulations, due diligence obligation and quality assurance to ISO 9000
- Good machinery lubrication also with high humidity and wide temperature variations
- Does not affect commercial seal materials and elastomers
- High operational reliability of aggregates and machinery
- Lubricating points are corrosion proof
- Foodgrease SPU is nonsoluble in water, resists water vapour and commercial detergents
- High resistance to hydrolysis minimizes deposits and sludge formation
- Foodgrease complies with the latest health-related findings in lubrication technology for the food, animal feed and pharmaceutical industries and their suppliers

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**Correct use:** Avoid mixing Foodgrease SPU with other saponified lubricating greases. Otherwise premature re-greasing may be required due to softening during the transitional period. Food-relevant requirements as per FDA regulation 21 CFR 178.3570, NSF H1, DIN EN ISO 21469 are only met with unmixed Foodgrease SPU. Significance of NSF H1: Lubricants whose occasional contact with food / animal feed / pharmaceuticals cannot be excluded.

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**Physical-chemical data:** see overleaf

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Art. 5730 / 5731 / 5732

Physical-chemical data:	Foodgrease SPU 000 Art. 5730	Foodgrease SPU 00 Art. 5731	Foodgrease SPU 0 Art. 5732
Characteristics	Very fluid grease	Fluid grease	Semi fluid grease
Complies with:	FDA 21 CFR 178.3570, NSF H1, DIN EN ISO 21469	FDA 21 CFR 178.3570, NSF H1, DIN EN ISO 21469	FDA 21 CFR 178.3570, NSF H1, DIN EN ISO 21469
Lubricant type to DIN 51502	KPF HC 000 K-40	KPF HC 00 K-40	KPF HC 0 M-40
Colour, appearance	white	white	white
Penetration to DIN ISO 2137	NLGI 000	NLGI 00	NLGI 0
Density at 20°C to DIN 51757	0.85 g/cm <sup>3</sup>	0.85 g/cm <sup>3</sup>	0.85 g/cm <sup>3</sup>
Application temperature range	-40°C to +120°C	-40°C to +120°C	-40°C to +130°C
Grease type (thickener)	Aluminium complex	Aluminium complex	Aluminium complex
Drop point ISO 2176	>150°C	>170°C	>190°C
Base oil	PAO	PAO	PAO
Base oil viscosity at 40°C Base oil viscosity at 100°C	350 mm <sup>2</sup> /s 41 mm <sup>2</sup> /s	350 mm <sup>2</sup> /s 41 mm <sup>2</sup> /s	350 mm <sup>2</sup> /s 41 mm <sup>2</sup> /s
Corrosion protection grade (EMCOR DIN 51802)	1	1	1
	<ul style="list-style-type: none"> <li>- Very fluid grease</li> <li>- Central lubrication systems</li> <li>- Lubrication points with very thin and long feed pipes or other hindrances</li> <li>- Lubrication points requiring very soft low-viscosity grease</li> </ul>	<ul style="list-style-type: none"> <li>- Fluid grease</li> <li>- Central lubrication systems</li> <li>- Linear guides (e.g. ball bearings)</li> </ul>	<ul style="list-style-type: none"> <li>- Semi fluid grease</li> <li>- Central lubrication systems</li> <li>- Linear guides (e.g. ball bearings)</li> <li>- Roller and sleeve bearings</li> </ul>

#### Safety and environmental aspects:

- Old grease disposal subject to "VeVA" waste regulations
- LVA/EU waste code: 12 01 12 or 13 08 99
- Precautions: Slightly water endangering (WGK 1)
- ADR/SRD: Not classified as hazardous



Container sizes: Drum: 170 kg • 45 kg

Canister: 14 kg

Cartridge: Foodgrease SPU 0: 380 g

*The data given on this sheet are based on properties and application possibilities as known to us. Blaser Swisslube AG cannot be held liable for any damages resulting from the improper use of its products. No general legal liability can be derived from these data. 31.551 E (1115)*