

# Foodoil SK 150

# Foodoil SK 220

Art. 716 / 717

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**Description:** Foodoil SK oils are high-temperature lube oils based on synthetic base oils and selected additives for various applications in the food, feed and pharmaceutical industries and their suppliers.

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**Areas of use:** Foodoil SK oils are ideally suited for the lubrication of transport and drive chains of baking lines, drying ovens and similar high-temperature installations as well as chains, joints, tensioning and drying frames or slideways at high temperatures.  
Foodoil SK oils also prove their worth at temperatures below 90°C - for heavily stressed sliding surfaces, cam plates, etc.  
Foodoil SK 150 is suitable for use in vacuum pumps at temperatures >90°C.

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### Product properties

- Lubricant according to Regulation 21 CFR 172.878, 21 CFR 178.3620 (a) and 21 CFR 178.3570, NSF H1 registered, odorless and tasteless
- Synthetic lubricant with high adhesion and good creep properties
- Good pumpability in central lubrication systems
- Very high continuous thermal load capacity
- Exceptional oxidation resistance
- Very good wear protection
- Free of plant and animal esters
- Free of solvents and mineral oils. Free of genetically modified organisms (GMO)

### Benefits

- A high level of safety is ensured with regard to contamination of the manufactured goods. Facilitates compliance with the provisions of the Swiss Ordinance on Foodstuffs and Utility Articles (LGV). Supports the duty of care and compliance with the quality management according to DIN EN ISO 9001
  - No spinning-off onto production material, good lubrication of bolts and sleeves
  - No retrofitting or retooling required
  - Reliable lubrication even in the highest temperature range
  - No coking / no blocking of the chain
  - Low chain elongation due to wear between pins and sleeves
  - High hydrolysis resistance and thus reduced formation of residues and precipitates
  - Complies with the latest health findings in lubrication technology in the food, feed and pharmaceutical industries and their suppliers
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**Application:** The food-relevant requirements according to FDA regulation 21 CFR 178.3570, NSF H1 are only met with unmixed Foodoil SK.  
Meaning of H1: Lubricants authorized for unintended contact with food, feed and pharmaceutical products.

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**Physical-chemical data:** See reverse

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Art. 716 / 717

## Physical-chemical data:

		Foodoil SK 150 Art. 716	Foodoil SK 220 Art. 717	
Properties	Unit	Parameter	Parameter	Test procedure
Appearance		clear		
Color		light brown	orange-brown	
ISO VG class		150	220	DIN ISO 3448
Viscosity at 40°C	mm <sup>2</sup> /s	150	220	DIN 51659-2
Viscosity at 100°C	mm <sup>2</sup> /s	17.1	23.5	DIN 51659-2
Viscosity index		124	130	DIN ISO 2909
Density at 20°C	g/ml	0.893	0.887	EN ISO 12185
Pour point	°C	-33	-20	ISO 3104
Flash point:	°C	260	284	ISO 2592

## Safety and environmental aspects:

- ADR/RID: not a hazardous material
- Precautionary measure: The product must not get into in waste water, ground water or surface water.
- Water hazard class: Slightly hazardous to water (WGK 1)
- LVA / EU waste code: 12 01 10
- CH waste code: Identical with the EU waste code (according to VeVA from 1.1.06)
- Classification and labeling: See Safety data sheet



### Container sizes:

Drum: 208 l

Canister: 5 l • 25 l

The information given in this data sheet is based on the properties and uses we are aware of. Blaser Swissslube AG is not liable for injury resulting from improper use of the products. As a general rule, no legal obligation can be derived from this information. 39.562 E (1024)