

Foodtec STS 160

Art. 683

Description: Foodtec STS 160 Spray is multipurpose NSF H1 lubricant specifically developed for use in the food, animal feed stuff and pharmaceutical industries.

Applications: Foodtec STS 160 is ideal for lubricating and protecting open lubrication points such as conveyor and drive chains, screw threads and sliding surfaces.

Product characteristics

Benefits

- | | | |
|---|---|--|
| – Lubricant corresponding to the FDA regulation 21 CFR 178.3570, NSF H1 registered, odourless and tasteless | → | High security against product contamination. Facilitates compliance with foodstuff law hygiene regulations (Hazard Analysis and Critical Control Point, HACCP). Supports the duty of care and compliance with the quality management according to DIN EN ISO 9001. |
| – Temperature range -30°C to +150°C | → | Wide application range and high thermal stability. |
| – Excellent penetration. | → | Lubricates and protects all moving parts. |
| – Contains PTFE solid lubricant. | → | Upholds lubrication even under emergency conditions. |

Utilization: NSF H1 means: lubricants, where the possibility of incidental contact with foodstuffs/animal feed/pharmaceutical products cannot be excluded.

Safety and environmental aspects:

Aerosol gas:	Propane / butane
ADR/RID:	UN 1950
Precautions:	Must not be allowed to get into waste water, ground water, surface water or the soil.
Water hazard classification:	Weak water pollutant (WGK 1)
LVA/EU waste code:	16 03 05

Physical-chemical data:

Temperature range:	-30°C to +150°C	
Colour:	beige	
Odour:	characteristic	
Dynamic viscosity at 40°C:	160 mPas (fluid)	DIN 53019-1
Dynamic viscosity at 20°C:	450 mPas (fluid)	DIN 53019-1
Dynamic viscosity at 0°C:	1650 mPas (fluid)	DIN 53019-1
Dynamic viscosity at -20°C:	8500 mPas (fluid)	DIN 53019-1
Density at 20°C:	0.85 g/cm ³ (fluid)	DIN 51757
Flashpoint:	> 230°C (fluid)	
Max. application temperature:	+150°C	
Kinematic viscosity at 40°C:	100 mm ² /s (base oil)	DIN 51562-1
Viscosity index:	190 (base oil)	DIN ISO 2509

Properties: see overleaf

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Properties:	Solid additives:	PTFE
	Corrosion inhibition:	••
	Adhesion:	••
	Penetration:	•••
	Creep:	•••
	Durability:	•••
	Lubrication:	•••
Resistance to:	Cold water	••
	Warm water:	••
	Hot steam:	••
	alkaline solutions:	••
	Acid solutions:	••

••• excellent •• very good • acceptable, must be clarified

- How to use:**
- Shake well before use and spray from a distance of 15 - 30 cm
 - A longer penetrating time extends the lifetime of the lubricant
 - Spray moving parts regularly to extend operating life
 - **Information:** Apply the lubricant as a thin layer. A thin film is more effective than a thick film
 - Before use, check compatibility with paintwork and coatings, plastics and rubber



Drum size: Spray: 500 ml

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