

STRUB Magic Grease USDA H1 NLGI 00

High-quality grease with polymer additives
for the food industry



Description

STRUB Magic Grease USDA H1 NLGI 00 is a high quality food grade grease with polymer additives that produce excellent cohesion.

The products are NSF (H1) registered and certified by NSF to ISO 21469 and approved for use where possible food contact may occur. Manufactured to the highest quality standards in facilities where HACCP has been implemented and forms an integral part of the ISO 9001 and ISO 21469 quality and hygiene management systems. In addition, the products are certified according to the strict guidelines according to Kosher and Halal.

Application

An ideal application area for STRUB Magic Grease USDA H1 NLGI 00 is the food and packaging industry, where no risks should arise from contact between grease, food and packaging.

It is used for guides, bearings and equipment parts in the food processing industry:

Harvesters, wine, beer and mineral water bottling plants, Flour-based foods such as bread, meat, fish, vegetables, animal feed, can filling plants, For ball bearings subjected to pressure with speeds from 500 - 4000 rpm.

Features and advantages

- excellent high pressure properties
- resistant to high temperatures
- very good water resistance
- very good adhesion and therefore better lubrication with lower grease application quantity

Technical data

NLGI - Classes	DIN 51818		00
Art. No.			30669
NSF Registration No.			140145
Range of application		°C	- 15 bis 150
Thickener type			Calcium-Complex
Color	visual		white
Density	NFT 60-101	g/cm ³	0.935
Fulling penetration (60 strokes)	ASTM D217	1/10 mm	400 - 430
Walk stability (100'000 strokes)	ASTM D217	1/10 mm	35
Drop point	ASTM D566	°C	> 200
Copper Corrosion	ASTM D4048		1b
Oxidation stability/heat test	ASTM D942	psi	< 4
Load test (Shell 4 balls)	ASTM D2596	kg	315
Oil separation (100 °C 30 hrs.)	FTMS 791	%	3
Base oil viscosity at 40°C	ASTM D 445	mm ² /s (cst)	150

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

