

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 | mm2/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.

STRUB + Co. AG Mühlemattstrasse 5 phone +41 62 785 22 22 strub@strub-lube.ch
Swiss Tribology CH-6260 Reiden fax +41 62 785 22 33 www.strub-lube.ch

ISO 9001|14001, Version 1: 19.08.2014 / MF 1 von 2



Handling and storage

All food grade lubricants must be stored separately from other lubricants, chemical substances and food. In addition, the products must not be exposed to direct sunlight or any other source of heat. Storage between 0° C to +40°C. If the product is stored under the above conditions, we recommend its use from the production date of 3 years. If a product is opened, it must be used within 2 years.

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 12 01 12

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.

STRUB + Co. AG Swiss Tribology Mühlemattstrasse 5 CH-6260 Reiden phone +41 62 785 22 22 fax +41 62 785 22 33 strub@strub-lube.ch www.strub-lube.ch