

STRUB Food Grease AL LT 1 H1

STRUB Food Grease AL LT 2 H1



High quality aluminum complex grease for the food industry

Art.-No. **33455** **AL LT 1**
 33448 **AL LT 2**

Description

STRUB Food Grease AL LT H1 is a fully synthetic aluminum complex soap grease for the food and pharmaceutical industry. STRUB Food Grease AL LT H1 convinces by excellent lubricity with maximum shear stability even for ball bearings with high rotational speed in the temperature range from -40°C to +150°C. Furthermore, it has good water resistance with very good adhesion and high pressure absorption properties.

The products comply with the specifications of the NSF (H1) guidelines. STRUB Food Grease AL LT is 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 comply with the strict guidelines according to Kosher and Halal.

Typical applications are rolling and plain bearings, joints, levers, bolts, rails, lifting cylinders, cams, etc.

Application

Clean and degrease parts or lubrication points thoroughly before use. Observe the bearing manufacturer's instructions.

Due to the variety of possible applications, we always recommend performing appropriate tests before general use.

Features and advantages

- Compatible with common plastic and sealing materials
- Kosher certified
- Halal certified
- Reduces friction and wear
- Free from mineral oil
- No gumming
- Resistant to cold and hot water, steam
- Very good aging resistance

The information in this technical data sheet is based on general knowledge and possible applications. Strub + Co. AG is not liable for damage resulting from improper use of the products. The measurement and production tolerances customary in the industry apply to the characteristic data given. In general, no legal binding force 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.

Technical data

	Norm		
Item number	DIN ISO 2049	33455	33448
NLGI class		1	2
Color		white	white
Thickener		Aluminum complex soap	Aluminum complex soap
Base oil		Synthetic oil	Synthetic oil
Base oil viscosity ^{40°C/100°C}	mm ² /s	26026	26026
Penetration at 25°C	1/10 mm	310 - 340	265 - 295
Drip point	°C	>220	>220
Operating temperature	°C	-40 to 150	-40 to 150
Short term maximum temperature	°C	160	160
Steel corrosion (Emcor) dist. Water		0/0	0/0
Water resistance, static		0 - 90	0 - 90
VKA welding force	N	3600	
VKA wear ^{150kg/1min/400N/1h}	mmmm	0.90.5	0.90.5
Flow pressure at -30°C (Kesternich)	hPa	<1400	<1400
nd _m -factor ^{Deep groove ball bearings} ^{Tapered roller bearings}	mm/min	350'000'150	350'000'150

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

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