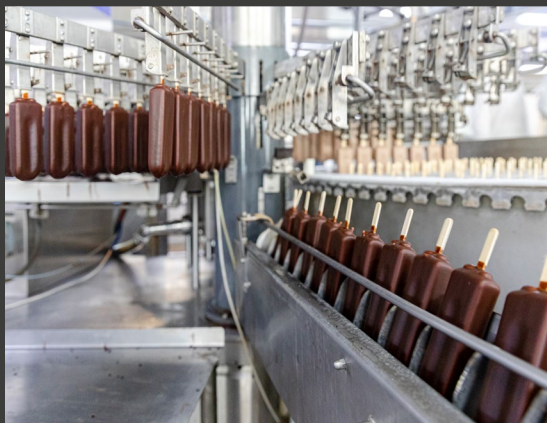


# FOOD

# CATALOG

- Food grade lubricants
- Gear oils
- Adhesive lubricants
- Chain lubricants
- Process fluids
- Slideway oils
- Specialities
- Universal greases
- Special bearing greases
- Fitting greases
- Assembly and grinding pastes
- Sprays
- Antifreeze air conditioning/  
heating
- Vacuum pump oil

**2023**






# Content

STRUB has the right lubricant for every customer. Our products are highly developed, always technically up to date and optimised for every application.

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# ABOUT US

We have a long and successful history

The name Strub stands for quality and innovation in all areas of tribology. Since its foundation in 1921, the family business has been in the hands of the Strub family. The basis of our success is the principle of applying the knowledge gained from over 100 years of tradition and experience to innovative ideas. In doing so, we always strive for sensible and environmentally friendly solutions.

**1921**

Company formation

**110+**

Employees

**1600+**

Products

## What distinguishes us

Analytics, development and production under one roof

Flexibility, reliability and a seamless after-sales service are just as traditionally anchored in our corporate policy as the smooth functioning of our lubricants and technical cleaning agents used worldwide. Service is at the heart of everything we do to meet your needs and questions in the world of tribology.





## FOOD GRADE LUBRICANTS

STRUB offers you a wide range of high-tech lubricants, for the food, beverage and feed industries, in which HACCP has been implemented and forms an integral part of the quality and hygiene management systems

according to ISO 9001 and ISO 21469. In addition, STRUB Food products are NSF (H1) registered and certified according to the strict guidelines of Kosher and Halal.

STRUB Food Lube S

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STRUB Food Lube

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# STRUB Food Lube S

High-tech lubricants  
for the food industry



## DESCRIPTION

STRUB Food Lube S are based on high-quality mineral white oils for the food, beverage and feed industries. STRUB Food Lube S are special lubricants of the highest purity grade. Clear, light liquids of slightly yellowish color.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

STRUB Food Lube S can be used in hydraulic systems, in small gears, in circulating systems, for chain lubrication such as load and transport chains, for conveyor belts, slideways, metering devices, pneumatic devices, bearings, spindles and joints, for screw and piston compressors (observe regulations!) Vacuum pumps.

## SPECIFICATIONS

**DIN 51524 HLP part 2**

**DIN 51506 VDL**

**DIN 51517 CLP part 3**

ART.-NO.	ARTICLE	PACKAGE
31758	Food Lube S 32	5l / 10l / 25l / 60l / 200l / 1000l
31757	Food Lube S 46	5l / 10l / 25l / 60l / 200l / 1000l
31157	Food Lube S 68	5l / 10l / 25l / 60l / 200l / 1000l
31935	Food Lube S 100	5l / 10l / 25l / 60l / 200l / 1000l

## STRUB Food Lube

Synthetic high-tech lubricating oils  
for the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 158059



התאחדות הרבני מ. לוינגר  
מנהל מחלקת המשרות

### DESCRIPTION

STRUB Food Lube are high quality lubricants for the food, beverage and feed industry. Synthetic, high-tech lubricating oils based on Poly Alfa Olefins (PAO), highest purity grade. Clear, light liquids of slightly yellowish color. The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

### APPLICATION

STRUB Food Lube can be used in hydraulic systems, in gearboxes, in circulation systems, for chain lubrication such as load and transport chains, for conveyor belts, slideways, metering devices, cocks, pneumatic devices, oil mist lubrication, bearings, spindles and joints, for screw and piston compressors (observe regulations!) and vacuum pumps. The viscosity is to be selected according to the regulations and the application by the OEM. Temperature application range: Depending on viscosity approx. - 55°C to + 170°C.

### SPECIFICATIONS

**DIN 51524** HLP part 2 + 3

**DIN 51506** VDL

**DIN 51517** CLP part 3

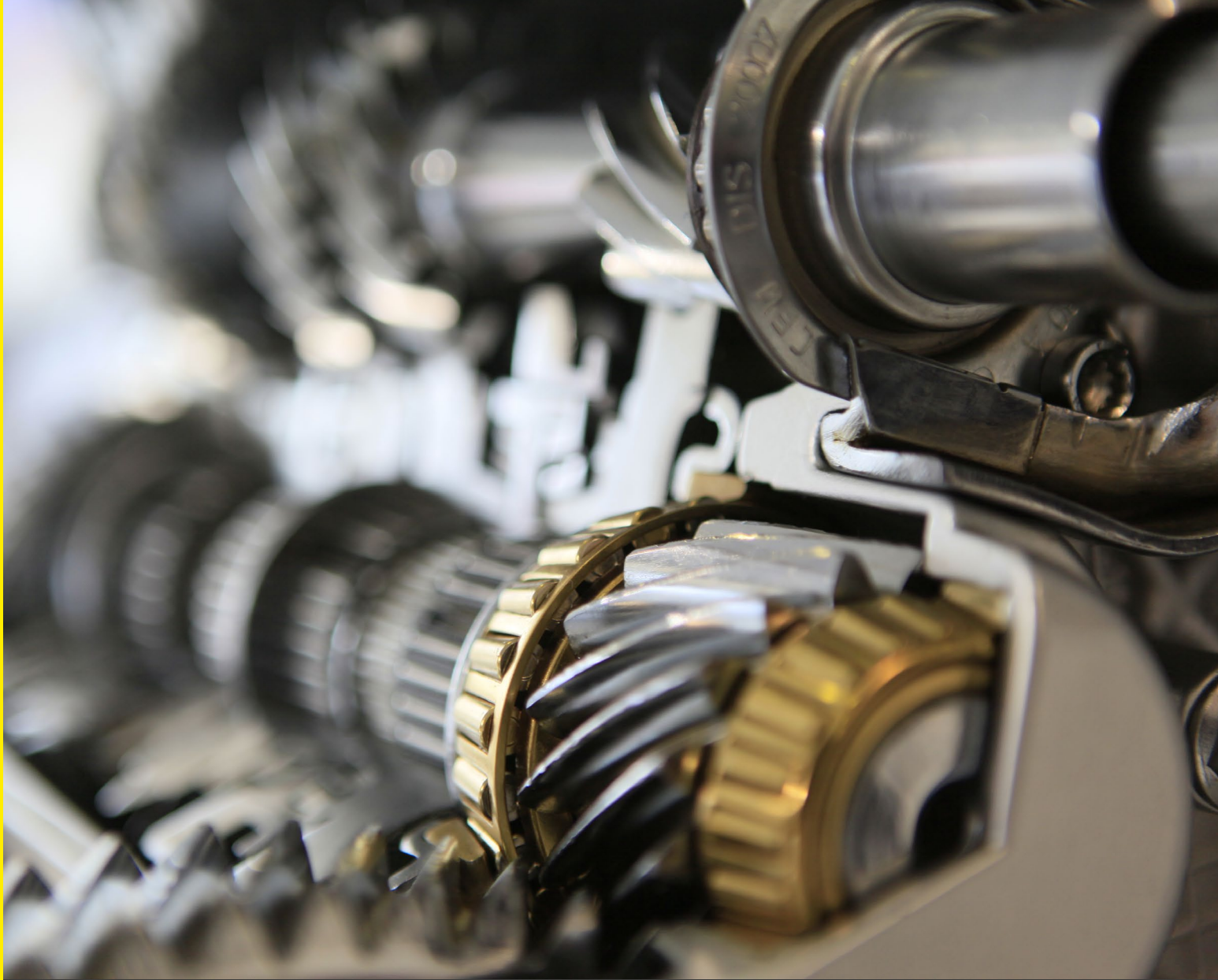
### RELEASE:

Aarburg injection molding machine  
(STRUB Food Lube 46)

# LOW/MID TEMP

ART.-NO.	ARTICLE	PACKAGE
30257	Food Lube 15	5l / 10l / 25l / 60l / 200l / 1000l
31085	Food Lube 22	5l / 10l / 25l / 60l / 200l / 1000l
30381	Food Lube 32	5l / 10l / 25l / 60l / 200l / 1000l
30378	Food Lube 46	5l / 10l / 25l / 60l / 200l / 1000l
30383	Food Lube 68	5l / 10l / 25l / 60l / 200l / 1000l
30377	Food Lube 100	5l / 10l / 25l / 60l / 200l / 1000l
31075	Food Lube 150	5l / 10l / 25l / 60l / 200l / 1000l
30380	Food Lube 220	5l / 10l / 25l / 60l / 200l / 1000l
30382	Food Lube 320	5l / 10l / 25l / 60l / 200l / 1000l
30272	Food Lube 460	5l / 10l / 25l / 60l / 200l / 1000l
30245	Food Lube 680	5l / 10l / 25l / 60l / 200l / 1000l
30379	Food Lube 1000	5l / 10l / 25l / 60l / 200l / 1000l

# LOW/MID TEMP



## GEAR OILS

STRUB Food Gear Synt PG product range for gearboxes in the food industry. Our Food Gear Synt PG products, which are specially designed for the lubrication of your gears and all mechanisms

that are subject to high temperature and / or load conditions. In addition, the products are certified according to the strict guidelines of Kosher and Halal.

STRUB Food Gear Synt PG

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# STRUB Food Gear Synt PG

Synthetic polyglycol-based gear oils for worm gears in the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059



## DESCRIPTION

STRUB Food Gear Synt PG are high quality polyglycol based gear oils for the food, beverage and feed industry. The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

For the lubrication of worm, spur, bevel and planetary gears which are exposed to high pressure and high temperature loads. and high temperature loads. Can be used in industrial plants, work machines and rail vehicles. rail vehicles. For plain and roller bearings in hoists, calenders, rolling mills, paper machines, crushers, kneaders, conveyors, etc.

## SPECIFICATIONS

DIN 51517 CLP

ART.-NO.	ARTICLE	PACKAGE
33206	Food Gear Synt PG 100	5l / 10l / 25l / 60l / 200l / 1000l
31359	Food Gear Synt PG 150	5l / 10l / 25l / 60l / 200l / 1000l
31355	Food Gear Synt PG 220	5l / 10l / 25l / 60l / 200l / 1000l
31356	Food Gear Synt PG 320	5l / 10l / 25l / 60l / 200l / 1000l
31357	Food Gear Synt PG 460	5l / 10l / 25l / 60l / 200l / 1000l

# HIGH TEMP



## ADHESIVE LUBRICANTS

STRUB adhesive lubricants are used to minimise downtimes and increase the service life of machines in the food, textile and plastics industries. These have good viscosity-temperature behaviour,

excellent lubricity, high sealing compatibility and oxidation stability. They are suitable wherever parts are exposed to high pressures, shocks and vibrations.

STRUB Food Adhesive Lube PTFE H1

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# STRUB Food Adhesive Lube PTFE H1

Adhesive lubricant with PTFE

## DESCRIPTION

Light-colored, very adhesive, fully synthetic high-performance lubricating oil with PTFE.

## APPLICATION

For the lubrication of highly loaded machine elements, even under the influence of water. It is ideal for guides, chains, joints, fittings, hinges, locks, rolling and sliding bearings in precision engineering, beverage industry, breweries and food industry.

ART.-NO.	ARTICLE	PACKAGE
32525	Food Adhesive Lube PTFE H1	5l / 10l / 25l / 60l / 200l / 1000l



## CHAIN LUBRICANTS

Our chain lubricants are temperature-resistant, have very good lubricating and creeping properties and

have been specially developed for the food and pharmaceutical industries.

STRUB Food Chainlube H1 100	13
STRUB Food Chainlube FDA	14
STRUB Syntolube HOT H1	15

# STRUB Food Chainlube H1 100

Fully synthetic high-tech chain lubricating oil for the food industry



## DESCRIPTION

STRUB Food Chainlube 100 H1 is a fully synthetic high-tech chain lubricating oil with high oxidation stability, corrosion protection and very good lubricating and creeping properties. Universal chain lubricant for the food industry.

The products are NSF (H1) registered and certified by NSF according 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 of Kosher and Halal.

## APPLICATION

Suitable for both drive and conveyor chains, belts and pins. The lubricant is immediately absorbed into the annular gaps of the chains.

ART.-NO.	ARTICLE	PACKAGE
30988	Food Chainlube H1 100	5l / 10l / 25l / 60l / 200l / 1000l

# MID TEMP, HAFTEND

# STRUB Food Chainlube FDA

Special high-tech chain lubricant for the food industry



## DESCRIPTION

STRUB Food Chainlube FDA contains a mix of high quality base oils. The additives are balanced and formulated according to FDA standards.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

STRUB Food Chainlube FDA are special chain lubricants for the food and pharmaceutical industry.

ART.-NO.	ARTICLE	PACKAGE
32416	Food Chainlube FDA 150 (Light)	5l / 10l / 25l / 60l / 200l / 1000l
33449	Food Chainlube FDA 220	5l / 10l / 25l / 60l / 200l / 1000l
31090	Food Chainlube FDA 370 (Heavy)	5l / 10l / 25l / 60l / 200l / 1000l

# MID TEMP, HAFTEND

# STRUB Syntolube HOT H1

Fully synthetic chain lubricants for the food industry



## DESCRIPTION

STRUB Syntolube HOT 260 H1 and 460 H1 are fully synthetic chain lubricants with high temperature resistance. The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

Fully synthetic chain lubricants specially developed for the food industry.

## SPECIFICATIONS

USA FDA 21 CFR 178.3620(a)

White oil

US Pharmacopeia/National Formulary

European Pharmacopoeia

ART.-NO.	ARTICLE	PACKAGE
30475	Syntolube HOT 260 H1	5l / 10l / 25l / 60l / 200l / 1000l
31423	Syntolube HOT 460 H1	KKE-12JET / KDO-500W / KDO-1000WE / BKE5 / BKE-25

# HIGH TEMP



## PROCESS FLUIDS

STRUB paraffin oils are used in the cosmetics, food and pharmaceutical industries. They meet the strictest requirements and are NSF, kosher and halal certified.

STRUB Paraffin oil

17



# STRUB Paraffin oil

Medical white oil,  
vaseline oil pharma white



## DESCRIPTION

STRUB Paraffin oils are water-light, colorless, odorless and tasteless, highly refined, aromatics-free, mineral oils that meet strict requirements. They are used in pharmaceutical industry, food industry packaging industry and cosmetics industry.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal

## APPLICATION

### Cosmetics and pharmaceuticals

Component for cosmetic creams, lotions, oils, toiletries etc.

### Food industry

Extender oil for polystyrene and other plastic machines, labels.

### Hygiene articles

Extender oil for thermoplastic TPE (like SIS, SEPS), TPV and other elastomers.

### Technical applications and vehicle components

Carrier and extender oil for many high quality applications where color and stability is important. Applicable where PVC is replaced by TPE polymers.

### Toy articles

Extender oil in TPE elastomers (like SBS, SEBS)

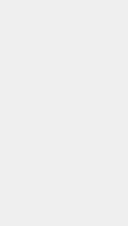
## SPECIFICATIONS

USA FDA 21 CFR 178.3620(a)

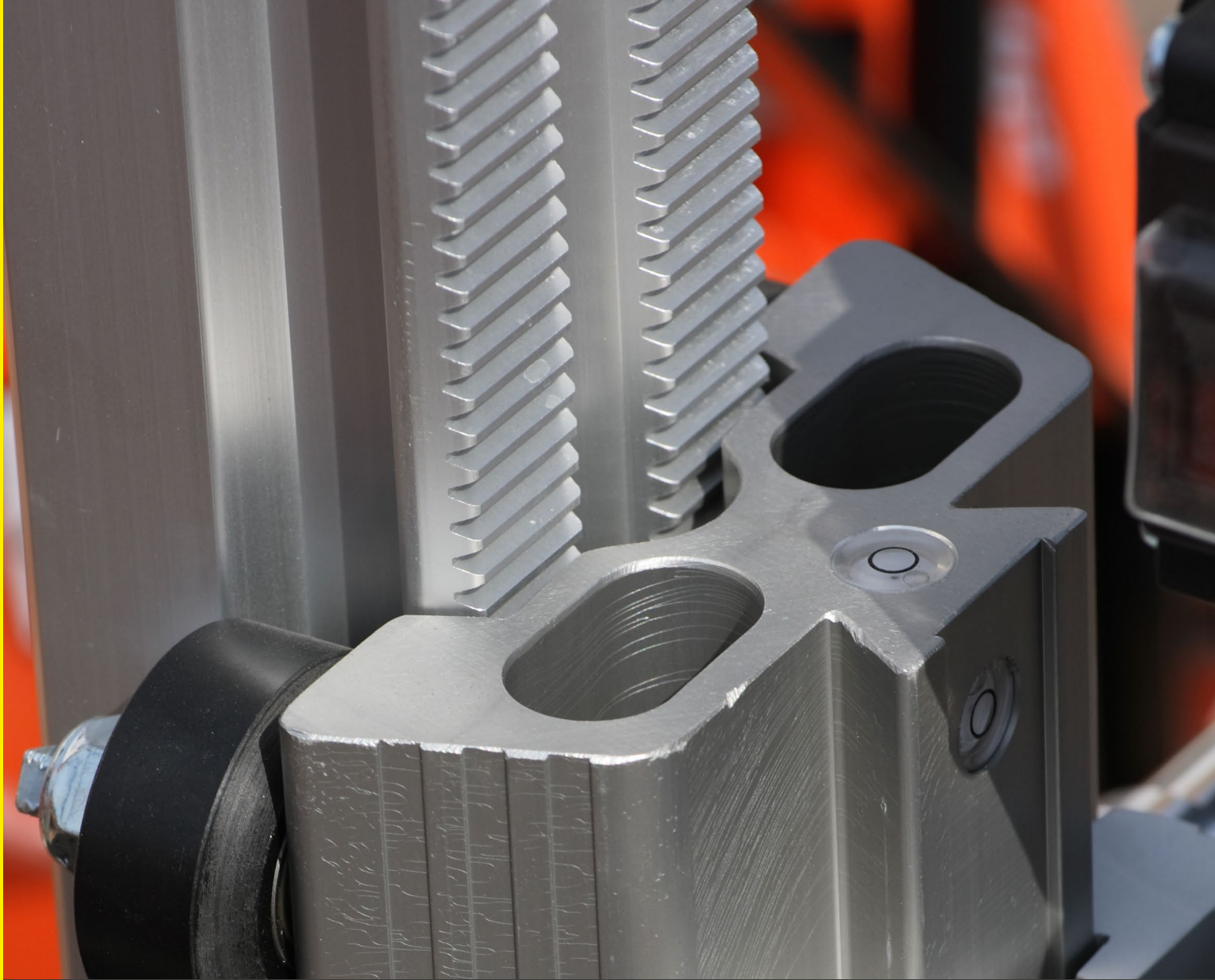
white oil

US Pharmacopeia/National Formulary

European Pharmacopoeia



ART.-NO.	ARTICLE	PACKAGE
30754	Paraffin oil 15	5l / 10l / 25l / 60l / 200l / 1000l
31013	Paraffin oil 32	RF1 / 5l / 10l / 25l / 60l / 200l / 1000l
30374	Paraffin oil 46	RF1 / 5l / 10l / 25l / 60l / 200l / 1000l
30672	Paraffin oil 68	RF1 / 5l / 10l / 25l / 60l / 200l / 1000l



## SLIDEWAY OILS

STRUB's high-quality slideway oils are suitable for the lubrication of vertical and horizontal guides as well as central lubrication. They have been designed to prevent stick-slip properties.

STRUB Food-Way 150

19

# STRUB Food-Way 150

Synthetic high-tech slideway oil for use in the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059



## DESCRIPTION

STRUB Food-Way is a synthetic slideway oil used in the food, beverage and packaging industries. The product is based on synthetic base oils and contains special additives approved for such use.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

STRUB Food-Way is suitable for the lubrication of horizontal and vertical guides as well as central lubrication systems.

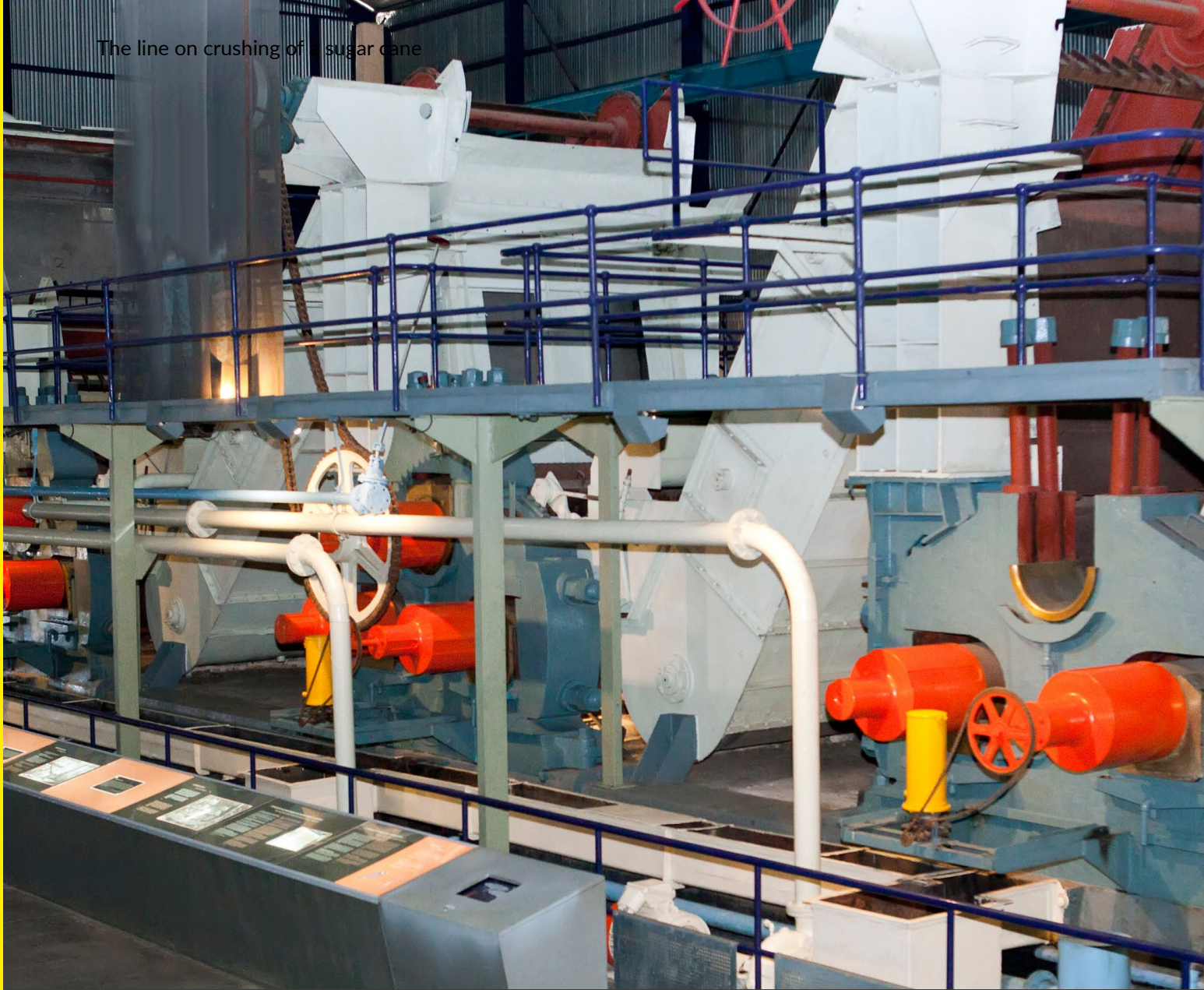
## SPECIFICATIONS

**DIN 51502** Slideway oil CGLP

**DIN 51524** Part 2, Hydraulic oil HLP

**DIN 51517** Part 3, Gear oil CLP

ART.-NO.	ARTICLE	PACKAGE
33193	Food-Way 150	5l / 10l / 25l / 60l / 200l / 1000l



## SPECIALITIES

If you should not find the optimal product for your application in our programme of more than 1600 lubricant specialities, we create intelligent solutions and tailor-made products for your

specific concern. Your problem is our task - call us and challenge us. We will be happy to demonstrate our capabilities to you.

STRUB Food Sugar Dissolver H1

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# STRUB Food Sugar Dissolver H1

Sugar dissolving emulsion



## DESCRIPTION

STRUB Food Sugar Dissolver H1 is a specially developed sugar dissolving emulsion.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

STRUB Food Sugar Dissolver H1 is successfully used for the application and removal of sugar- or sweetenercontaining adhesions on machines or machine parts. STRUB Food Sugar Dissolver H1 can be easily and completely washed off with water after use and thus leaves no residues. Spray STRUB Food Sugar Dissolver H1 undiluted onto the machine parts to be cleaned, immerse or apply with a brush and allow to react. Then rinse the wetted parts completely with clear water. Depending on the degree of soiling, the cleaning process can be repeated.

## SPECIFICATIONS

- Ph. Eur. II
- Ph. H.VII
- DAB9
- USP XXI/NF XVI
- FCC 1981
- PC 1979
- BP 1988
- BPC 1973
- FAO/WHO
- EWG-No.: E 432
- USDA H1 (Code of federal regulation) bzw. 21 CFR 178.3620-3570

ART.-NO.

ARTICLE

PACKAGE

30234

Food Sugar Dissolver H1

5l / 10l / 25l / 60l / 200l / 1000l



## UNIVERSAL GREASES

STRUB offers the right universal grease for your application in the food, pharmaceutical or packaging industry. STRUB universal greases have been

developed for all types of high and low temperatures and requirements.



STRUB Food Grease AL LT H1	24
STRUB Food Grease CLT 2	25
STRUB Magic Grease USDA H1 NLGI 00	26
STRUB Calor USDA H1	27
STRUB Food Grease CHT 2 NLGI 1-2	28

# STRUB Food Grease AL LT H1

High quality aluminum complex grease for the food industry



## 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.

ART.-NO.	ARTICLE	PACKAGE
33455	Food Grease AL LT 1	PAT-400VD / KKE-12JET / KDO1000-WE
33448	Food Grease Al LT 2	PAT-400VD / KKE-12JET / KDO1000-WE

# LOW TEMP



# STRUB Food Grease CLT 2

Synthetic food grade grease for low temperatures



Nonfood Compounds  
Program Listed (H1)  
Registration # 156039



בהשגות הרב י. ט. לוינגר  
מנהל מחלקת השחיית

## DESCRIPTION

STRUB Food Grease CLT 2 is high quality synthetic, calcium soap grease for the food industry. The formulation is based on selected additives (present in the FDA list of ingredients) and complies with "FDA Section 21 CFR 178.3570 for incidental food contact".

The products are NSF (H1) registered and certified by NSF according 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 of Kosher and Halal.

## APPLICATION

High-speed rolling and sliding bearings in humid and cryogenic conditions. For the lubrication of tooth flanks, precision gears (e.g. bevel gears) and machinery and equipment in the food and pharmaceutical industries. It is for the food and packaging industry, as contact between lubricant and food is not excluded and this must not cause any risks to humans.

ART.-NO.	ARTICLE	PACKAGE
33144	Food Grease CLT 2	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE /KDO1000-WE / BKE-5 / BKE 25 / FF/B / FT/S

# STRUB Magic Grease USDA H1 NLGI 00

High-quality grease with polymer additives  
for the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059



ברשות הרב י. מ. לינגר  
מטה מוסדות המסורת

## 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.

ART.-NO.

ARTICLE

PACKAGE

33144

Food Grease CLT 2

1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST /  
KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B / FT/S

# MID TEMP

# STRUB Calor USDA H1

High quality aluminum complex grease for the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059



בהשגחת הרב י. מ. לוינגר  
מנהל מחלקת המשרות

## DESCRIPTION

STRUB Calor USDA H1 is a high quality aluminum complex soap grease for the food industry. STRUB Calor USDA H1 convinces by excellent lubricity with maximum shear stability even for ball bearings with high rotational speed in the temperature range from -20°C to +150°C. Furthermore, it has good water resistance with very good adhesion and high pressure absorption properties.

The products are NSF (H1) registered and certified by NSF according 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 of Kosher and Halal.

## APPLICATION

STRUB Calor USDA H1 ist für die Nahrungsmittel- und Verpackungsindustrie, da Berührungen zwischen Schmierstoff und Nahrungsmittel nicht ausgeschlossen sind und hierdurch keine Risiken für den Menschen entstehen dürfen.

ART.-NO.	ARTICLE	PACKAGE
30192	Calor USDA H1 NLGI 00	KKE-12JET / KDO-500W / KDO-1000WE / BKE-25 / FT-S / FF-B / PAT-SHUT
33142	Calor USDA H1 NLGI 0	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B / FT/S
33143	Calor USDA H1 NLGI 1	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B / FT/S
30723	Calor USDA H1 NLGI 2	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B / FT/S

# MID TEMP

# STRUB Food Grease CHT 2 NLGI 1-2

High-quality grease with high pressure absorption capacity and low operating temperature for the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059



בהשגות הרב י. נ. לוינגר  
מנהל מחלקת הסדרות

## DESCRIPTION

STRUB Food Grease CHT 2 is a high-quality special grease for the food industry. It has a high pressure absorption capacity at low operating temperatures. The variant with a polymer additive (PTFEE) as a solid lubricant provides additional safety during dry running.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

An ideal field of application for STRUB Food Grease CHT 2 is the food and packaging industry without direct contact with food.

It is used for guides, bearings and equipment parts in the food processing industry: Harvesters, wine, beer and mineral water bottling plants, flour-based foodstuffs such as bread, meat, fish, vegetables, animal feed, can filling plants, For ball bearings subject to pressure with speeds of 500 - 4000 rpm.

ART.-NO.	ARTICLE	PACKAGE
33483	Food Grease CHT 2	PAT-400VD / KKE-12JET / KDO1000-WE
33559	Food Grease CHT 2 PTFE	PAT-400VD / KKE-12JET / KDO1000-WE

# HIGH TEMP



## SPECIAL GREASES

STRUB special greases are high-performance products for special applications.

STRUB OZB bearing grease FDA H1	30
STRUB Food Ceramic Grease 2	31

# STRUB OZB bearing grease FDA H1

Bearing grease  
for the food industry



## DESCRIPTION

STRUB OZB Bearing Grease FDA H1 is a state-of-the-art, high-tech formulated bearing grease, especially for use in highly loaded bearings with oscillating movements in the food-processing sector. Bearings must be completely sealed.

The products are NSF (H1) registered and certified by NSF according 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

STRUB OZB Bearing Grease FDA H1 is ideally suited as an extreme EP/AW grease for closed carb and spherical roller bearings. Especially for extreme oscillating loads acting on the bearings and the requirement of FDA suitability is placed on the product, such as mill classifiers in industrial mills. STRUB OZB Bearing Grease FDA H1 extends the service life of the bearings several times compared to conventional bearing greases.

ART.-NO.	ARTICLE	PACKAGE
30191	OZB bearing grease FDA H1	KKE-12JET / KDO-500W / KDO-1000WE / BKE5 / BKE-25

# STRUB Food Ceramic Grease 2

High quality assembly ceramic paste and bearing grease for the food industry



## DESCRIPTION

STRUB Food Ceramic Grease 2 is a high quality assembly ceramic paste and bearing grease for the food and pharmaceutical industries. STRUB Food Ceramic Grease 2 convinces with high compressive strength and smoothing of "surface roughness" of metals as well as in hydrodynamic lubrication of bearings at low speeds in a temperature range from -20 ° C to + 180 ° C. The product has very good water resistance and excellent adhesion.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

The product can be used for bolts, racks, bearings, joints, etc. in the food, pharmaceutical, packaging and beverage industries.

ART.-NO.	ARTICLE	PACKAGE
33259	Food Ceramic Grease 2	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B/ FT/S

Old big drink water pipes joined with new blue valves and new blue joint members



## FITTING GREASES

Fittings are complex systems. To minimise their wear, the selected fitting grease must be matched to a variety of materials. Our certified fitting greases can

be tailored precisely to your individual requirements. So that your fittings function reliably over their entire service life.

STRUB fitting grease 2	33
STRUB Silicone Paste PTFE 3	34
STRUB Silicone grease 5050	35



## STRUB fitting grease 2

Grease for drinking water fittings and EPDM elastomers



### DESCRIPTION

STRUB Armaturenfett is a special lubricating grease based on silicone with PTFE.

The products are NSF (H1) registered and certified by NSF according 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 of Kosher and Halal.

### APPLICATION

STRUB Armaturenfett 2 is suitable for the lubrication of all mechanically stressed friction points on spindle upper parts with EPDM elastomers (including O-rings), on shut-off and control valves, on shower and radiator fittings and generally for seal lubrication in all areas where a lubricating grease suitable for EPDM and approved for drinking water is required.

ART.-NO.	ARTICLE	PACKAGE
32319	fitting grease 2	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B/ FT/S

# STRUB Silicone Paste PTFE 3

Synthetic lubricating paste for fittings and EPDM seals



## DESCRIPTION

White food assembly paste based on silicone oil with PTFE for membranes, pressure sleeves, fittings, dispensing valves in the beverage brewery and pharmaceutical industry. STRUB silicone paste PTFE 3 is EPDM, water, detergent, disinfectant and steam resistant. The product does not affect the foam and taste behavior of beer. The products are NSF (H1) registered and certified by NSF according 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

Apply with spatula or grease gun with very low pressure to avoid oil separation. It is EPDM resistant and suitable for rolling bearings with very low load.

ART.-NO.	ARTICLE	PACKAGE
32246	Silicone Paste PTFE 3	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B/ FT/S

# STRUB Silicone grease 5050

Soft greasy silicone compound



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059

## DESCRIPTION

STRUB silicone greases 5040, 5050, 5060 are soft, grease-like silicone compounds with excellent temperature resistance.

The products are NSF (H1) registered and certified by NSF according 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 in accordance with Kosher and Halal.

## APPLICATION

Sealant for seals in cold and hot water for ball valves, one-hand mixers, piston cartouches, mixer taps, swivel spout, shower head ceramic installations, temperature controllers, thermocouples, thermostats, thermovalves, press fit seals, water hydraulics, radial shaft seals.

ART.-NO.	ARTICLE	PACKAGE
30457	Silicone grease 5050	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B/ FT/S



## ASSEMBLY AND GRINDING PASTES

STRUB assembly and grinding pastes have been developed for all kinds of extreme requirements in the food industry.

STRUB Pipe Thread Sealant H1	37
STRUB Food Paste 5 Plus H1	38
STRUB Food Grinding Paste w/g (Ref. Nestlé)	39

# STRUB Pipe Thread Sealant H1

Non-hardening sealing paste



## DESCRIPTION

STRUB Pipe Thread Sealant H1 is a well adhering and spreadable paste with good corrosion protection properties (not corrosive according to EN-ISO 2160 on AL, Cu, Zn alloys, steel, zinc). Screwed threads can be easily undone later.

The products are NSF (H1) registered and certified by NSF according 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

Non-hardening sealing paste in combination with hemp for plumbing, gas, heating, food area, sprinklers, drinking water systems, etc.

ART.-NO.	ARTICLE	PACKAGE
31426	Pipe Thread Sealant H1	KDO-500W / KDO-1000WE

# STRUB Food Paste 5 Plus H1

Assembly paste with PTFE  
for the food industry



## DESCRIPTION

STRUB Food Paste 5 Plus H1 is a high quality assembly paste and ball bearing grease with PTFE (slow running) for the food and pharmaceutical industry.

STRUB Food Paste 5 Plus H1 convinces both by pressure absorption capacity, smoothing of "surface roughness" of metals as well as in hydrodynamic ball bearing lubrication in slow speeds in a temperature range from -20°C to +150°C. Also, the very good water resistance and excellent adhesion are very effective in practice.

The products are NSF (H1) registered and certified by NSF according 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 of Kosher and Halal.

## APPLICATION

Pinion, bolt, rack, bearing, joint, etc. in food, pharmaceutical, packaging and beverage industries.

ART.-NO.	ARTICLE	PACKAGE
31364	Food Paste 5 Plus H1	1TU-245 / PAT-400VD / PAT-SHUT / PAT-400ST / KDO500-WE / KDO1000-WE / BKE-5 / BKE 25 / FF/B/ FT/S

# STRUB Food Grinding Paste w/g (Ref. Nestlé)

Grinding paste



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059

## DESCRIPTION

STRUB Food Grinding Paste w/g is a light colored, easy to spread, metal abrasive paste.

This product is acceptable for use as a grinding paste (NSF P1), in and around food processing areas where use is not intended for direct contact with food. Before using this product, food and packaging materials must be removed or carefully protected. All parts that have been treated with this product must be thoroughly cleaned to remove all residues.

Products are NSF (P1) 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.

## APPLICATION

The paste has a good tendency to metals, temperature stable and good water resistance. The application regarding grinding is various and is used in the food, food and packaging industry.

ART.-NO.	ARTICLE	PACKAGE
31991	Food Grinding Paste w/g	KKE-12JET / KDO-500W / KDO-1000WE / BKE5 / BKE-25



## SPRAYS

STRUB offers a comprehensive range of H1 sprays for the food the food industry and many other sectors. Whether lubricating, dissolving rust, protecting against corrosion or cleaning, STRUB

offers the right spray for every application. Our sprays are suitable for professional use as well as for the hobby workshop. You can find more sprays in our spray and cleaner catalogue.

STRUB Food Adhesive Lube PTFE H1 Spray	41
STRUB Silicone Spray H1	41
STRUB Foodfluid-Lubricant H1 Spray	42



# STRUB Food Adhesive Lube PTFE H1 Spray

high quality lubricant for food, textile, plastic, machinery industry with solid lubricant  
NSF food release, VOC 215.67g



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059



בהשגחת הרב י. מ. לוינגר  
מנהל מחלקת הכשרות

## DESCRIPTION

Fully synthetic, silicone-free lubricant, release agent and corrosion inhibitor with solid lubricant of the highest purity class.

Whitish liquid. Virtually odorless and tasteless, non-toxic.

Good viscosity-temperature behavior (high viscosity index), good wear protection, excellent lubricity, sealing compatibility, high oxidation stability and good corrosion protection for ferrous, light and non-ferrous metals (Fe, Al, Cu). Low evaporation and only very low coking tendency.

## APPLICATION

Plain bearings, locks, conveyor belts, bolts, joints, hinges, roller shutters, ropes

ART.-NO.	ARTICLE	PACKAGE
32562	Food Adhesive Lube PTFE H1 Spray	500ml

# STRUB Silicone Spray H1

Care and release agent, NSF food approval, VOC 277.80g



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059

## DESCRIPTION

STRUB Silicone Spray H1 is a colorless, grease-free lubricant based on silicone oils. It is suitable as a maintenance agent of all equipment and materials and acts as a release agent for the fabrication of plastic parts of all types. Suitable for food applications without direct contact with food.

## APPLICATION

Spray STRUB Silicone Spray H1 onto surfaces from a distance of approx. 10 - 30 cm. Do not use near open fire or sources of ignition.

ART.-NO.	ARTICLE	PACKAGE
33045	Silicone Spray H1	500 ml

# STRUB Foodfluid-Lubricant H1 Spray

Food grade, general purpose liquid lubricant,  
NSF food grade release, VOC 238.69g



## DESCRIPTION

Fully synthetic, silicone-free lubricant, release agent and corrosion inhibitor of the highest purity class. Clear, bright and colorless liquid. Virtually odorless and tasteless, non-toxic. Good viscosity-temperature behavior (high viscosity index), good wear protection, excellent lubricity, sealing compatibility, high oxidation stability and good corrosion protection for ferrous, light and non-ferrous metals (Fe, Al, Cu). Low evaporation and only very low coking tendency.

NFS- Halal- and Kosher certified.

## APPLICATION

Plain bearings, locks, conveyor belts, bolts, joints, hinges, roller shutters, ropes

ART.-NO.	ARTICLE	PACKAGE
31126	Foodfluid-Lubricant H1 Spray	400ml

# Discover our new website

[www.strub-lube.ch](http://www.strub-lube.ch)



## Are you looking for the suitable product?

The STRUB knowledge database will show you the best choice. The Sales Team and our field staff are always available to answer your questions.



## FROST PROTECTION AIR CONDITIONING/ HEATING

Our specially formulated heat transfer fluids are suitable for defrosting, cooling and freezing applications, especially in the food industry. Typical applications include cooling in breweries and

bottling in the beverage industry. They are also used in heating and fan systems, air conditioning systems and heat pumps, among others, and offer good freeze and corrosion protection.

Zitrec FC

45

# Zitrec FC

Heat transfer fluid for the food industry



Nonfood Compounds  
Program Listed (H1)  
Registration # 156059

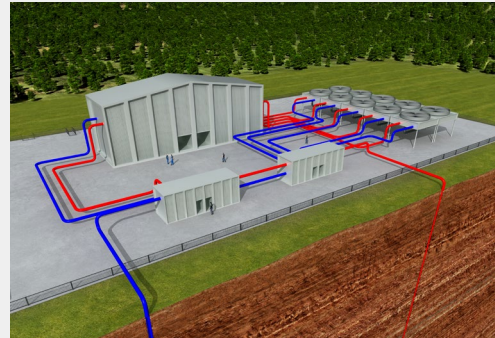
## DESCRIPTION

Zitrec FC is a specially formulated heat transfer fluid based exclusively on US Food and Drug Administration (FDA) approved ingredients. Zitrec FC is registered and classified by the US NSF in the category HT1 - Heat Transfer Fluids with Incidental Direct Food Contact.

## APPLICATION

Zitrec FC is an excellent heat transfer fluid for defrosting, cooling and freezing applications, especially in the food industry. Typical areas of application include cooling in the beverage industry, such as the cooling of wine, beer, milk and juices. In breweries, Zitrec FC is used for the rapid cooling of fermentation tanks and wort tanks. In addition Zitrec FC is also used before bottling carbonated beverages such as sparkling wine or beer to cool the liquids. beer, to cool the liquids and thus prevent carbon dioxide loss.

Other applications include indirect deep-freezing. In this process, the product and a heat transfer fluid are separated by a separation surface or barrier between the coolant and the product. This separating surface can be a metal plate or the packaging material of the product, which prevents direct contact between the product and the coolant. Contact cooling is primarily used for the cooling of packaged fish and meat products in blocks of predetermined linear dimensions. Zitrec FC is to be used in such a way as to avoid direct or indirect contamination of products intended for consumption and is not intended for use as a food component or additive.



Geothermal plant with cut through the earth and deep drilling

ART.-NO.

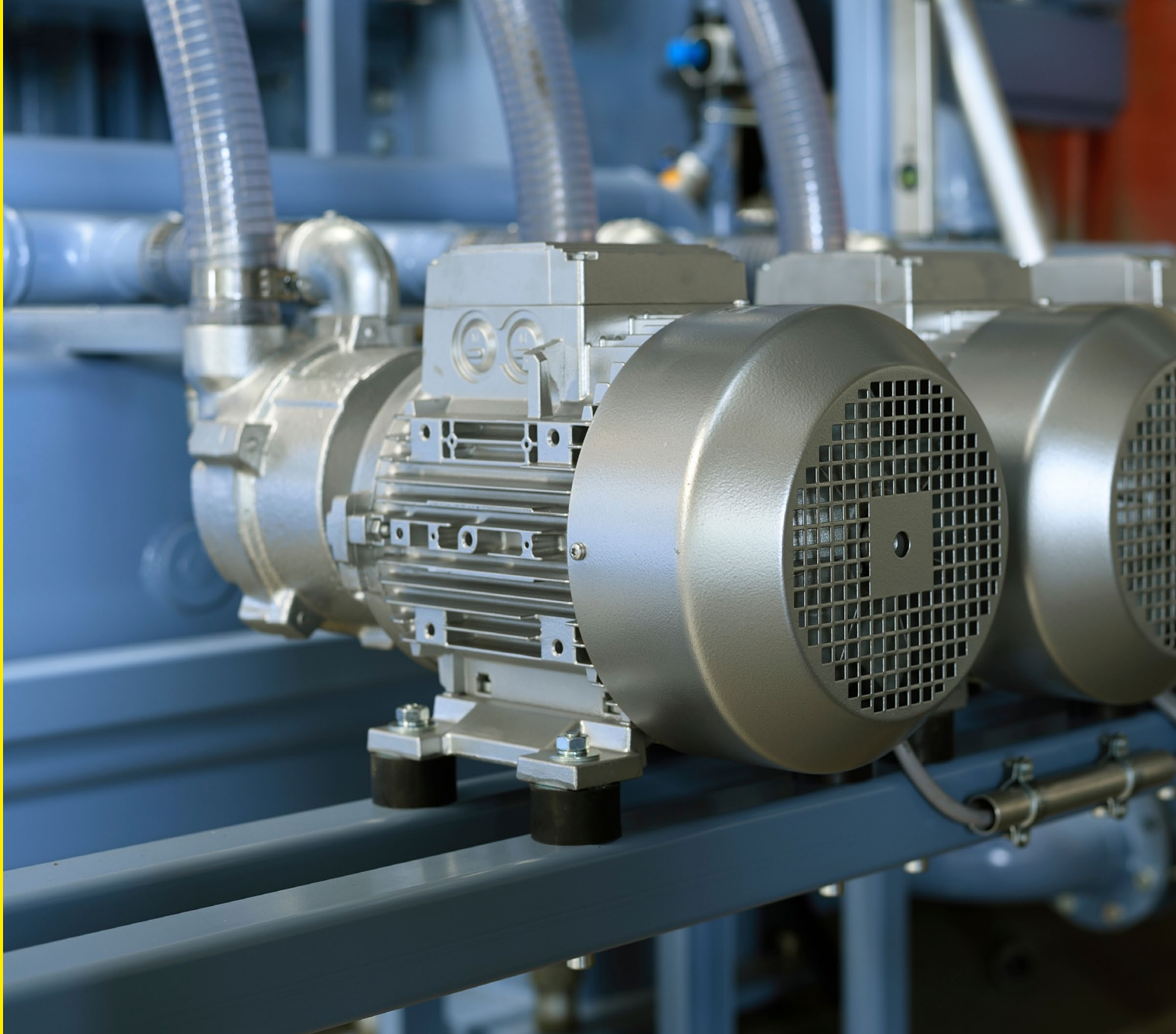
31363

ARTICLE

Zitrec FC

PACKAGE

5l / 10l / 25l / 60l / 200l / 1000l



## VACUUM PUMP OIL

With STRUB vacuum pump oils for the food and pharmaceutical industries, you achieve excellent

outgassing behaviour and optimum lubricity while simultaneously sealing the vacuum pump.

STRUB vacuum pump oil pharma

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# STRUB vacuum pump oil pharma

Special oil for seal and rotary vane vacuum pumps for the food and pharmaceutical industry



## DESCRIPTION

STRUB Vakuumpoel pharma contains special pharmaceutical white oils recommended for the food industry as well as synthetic ingredients. The specially selected additives additionally improve the aging resistance and corrosion protection. STRUB Vakuumpumpenoel pharma contains ashless wear protection and EP components.

The products are NSF (H1) registered and certified by NSF according 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 quality and hygiene management systems according to ISO 9001 and ISO 21469. In addition, the products are certified according to the strict guidelines in accordance with Kosher and Halal.

## APPLICATION

For all applications in the food, cosmetics and pharmaceutical industries where no corrosive gases/vapors are to be extracted. For highest requirements, e.g. for Leybold-Heraeus, Busch, Rietschle and other makes. Please observe manufacturer's instructions.

## SPECIFICATIONS

DIN 51506 VBL, VCL, VDL

ART.-NO.	ARTICLE	PACKAGE
33290	vacuum pump oil pharma 68	5l / 10l / 25l / 60l / 200l / 1000l
30270	vacuum pump oil pharma 100	5l / 10l / 25l / 60l / 200l / 1000l
31619	vacuum pump oil pharma 150	5l / 10l / 25l / 60l / 200l / 1000l



# THANK YOU.



**STRUB**  
SWISS TRIBOLOGY

STRUB & Co. AG  
Swiss Tribology  
Mühlemattstrasse 5  
CH-6260 Reiden

phone +41 62 785 22 22  
fax +41 62 785 22 33  
sales@strub-lube.ch  
www.strub-lube.ch