

# CASSIDA

## Two-handed HD GREASE GUN CASSIDA and CASSIDA Grease Portfolio



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.



**LUBRITECH**  
Special Application Lubricants



## FUCHS LUBRITECH – SPECIAL APPLICATION LUBRICANTS

**FUCHS** has developed, produced, and sold lubricants and related specialties for more than 80 years – for virtually all applications and sectors. With over 100,000 customers and 50 companies worldwide, the FUCHS Group is the world's leading independent lubricant supplier.

Within the FUCHS Group, **FUCHS LUBRITECH** is the expert for Special Application Lubricants. A team of more than 500 specialists around the world works to meet your needs. However demanding the application, we offer a specialized solution. Service is a crucial and fundamental component of our offering. Our experts provide on-site technical consultation to assure performance, efficiency and process reliability.

**FUCHS LUBRITECH** special lubricants stand for the highest performance and sustainability, safety and reliability as well as efficiency and cost savings. They represent a promise: **technology that pays back.**



## CASSIDA Food Grade Lubricants

The production of food, beverages and related products puts the highest requirements on the lubricants used in the manufacturing process. Consumer protection is absolutely essential.

In addition, ensuring that the production process runs smoothly and is highly effective (meaning longer component lifetimes, extended maintenance intervals and energy savings) is a number one priority.

The CASSIDA product line of FUCHS LUBRITECH offers a comprehensive range of high-performance lubricants for the food and beverage industries, including fully synthetic as well as semi-synthetic and white-oil-based products. Each product's composition is always optimised to ensure maximum suitability for their respective application.

The food experts of the LUBRITECH team or your local sales partner will be happy to assist you in finding the best products for your application. You will receive individual, competent advice and recommendations for products that are best suited for fulfilling your particular requirements.

NSF registered  
ISO certified



Nonfood Compounds  
Program Listed  
ISO 21469 certified

Kosher certified



Halal certified



Company Member



In Partnership with







## The HD GREASE GUN CASSIDA for all CASSIDA Greases

The extensive range of CASSIDA high-performance food grade lubricants is supplemented by the two-handed CASSIDA GREASE GUN and forms the perfect combination for efficiently lubricating your application.

The two-handed gun guarantees clean and safe lubrication of your machines, even through long lubrication pipes, large quantities of lubricants and large volumes of lubricant per stroke. Particularly simple handling is achieved with the use of a matching SR-cartridge with screw cap.

### Your Benefits:

#### Makes maintenance simple

It produces 400 bar / 5800 psi of pressure for improved and easier lubrication.

#### Utilises unique screw fit cartridges

These SR-cartridges can be removed, resealed and exchanged simply, efficiently and cleanly to reduce grease wastage.

#### Works by using a special vacuum principle

This ensures that each SR-cartridge is emptied completely, regardless of whether it is removed from the gun on numerous occasions.

#### Most efficient CASSIDA SR-Grease System

The system is designed for long and reliable service. There are no moving parts or an outer casing that can be damaged.

#### Is easy to handle

The grease gun has ergonomic grips and symmetrical handles for easy operation. The gun is additionally equipped with a practical hose parking unit which reduces possible contamination of the nozzle while not in use.

#### TWIN-LOCK guide and sealing rings

The TWIN-LOCK system avoids a pseudo supply of the point of lubrication by preventing grease from escaping at the piston and a backflow into the cartridge.

#### Uses a dual-handle design

The system's solid, simple design makes application easier for the operator and requires less manual force to pump the grease than traditional guns.

#### Minimized likelihood of confusion

The cartridge is in full view, ensuring that the type of grease, the recommended applications and the colour coding are always visible.

#### Offers a complete, cost-effective grease system

There is no need for multiple guns and an armoured hose with a grip coupling is provided.

#### Available with 500 gr SR-cartridges

Compared to standard cartridges and grease guns, the SR-Grease System contains a higher grease volume at a lower total weight.

#### Offers highest food safety

The gun is pre-lubricated with food grade grease, which ensures the highest level of food safety.

You want to know more about this grease gun? Here you can see how it works:



# How to use the HD GREASE GUN CASSIDA

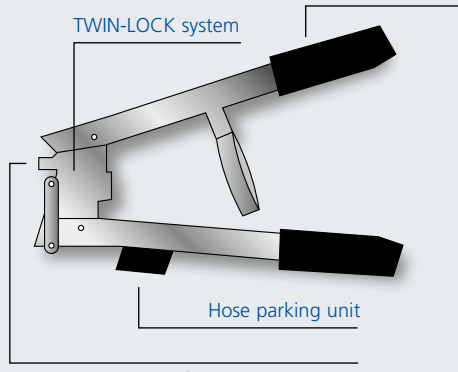
## The System Components:

Armoured hose with grip coupling



TWIN-LOCK system

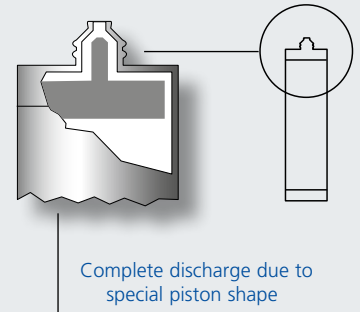
Ergonomic grips



Hose parking unit

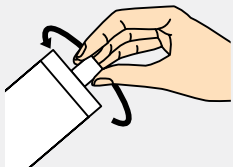
Pre-lubricated with food grade lubricant

500g SR cartridge

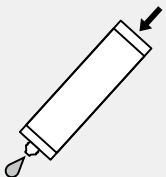


Complete discharge due to special piston shape

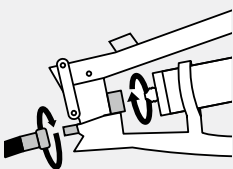
## Handling



Twist off the screw cap from the cartridge.



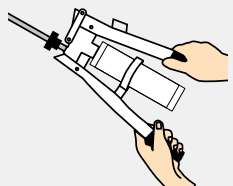
Due to the filling process a small quantity of air may be trapped in the area of the screw thread. Gently press the centre of the piston to push out this air in order to ensure that the lubricant reaches the pump unit sooner.



Attach the hose to the gun head. This design allows a maximum pressure of 400 bar and a lubricant quantity per stroke of approximately 1.5 cm<sup>3</sup>.

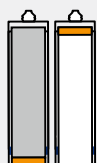
Screw in the cartridge up to the stop line. Operate the grease gun until lubricant appears at the end of the hose (3-5 strokes).

Now the grease gun is ready to use.



The grease gun should be opened smoothly and completely at each stroke. Depending on the temperature and type of lubricant grease, a short waiting time is recommended.

As soon as you feel a resistance when closing the grease gun its use can be continued.



You can check the lubricant level in the cartridge at any time (left: filled cartridge, right: completely empty cartridge).

## General Instructions for use

- Before starting lubrication:  
Ensure that the grease nipple and the grip coupling are clean.
- During lubrication:  
The coupling must sit straight on the grease nipple. If you hold the coupling at an angle, the grease nipple will not be fully covered. Check the lubrication process/grease outlet.
- After lubrication:  
Do not pull the coupling straight off the grease nipple, but bend it sideways. Defective/sticky grease nipples must be replaced as soon as possible.



Unpacking and initial operation:



## The CASSIDA Grease Portfolio

Never underestimate the importance of the right lubricating grease! Greases are an integral part of achieving optimum performance of your machinery. CASSIDA greases cover a wide variety of applications and specifications to ensure that things run smoothly. The CASSIDA SR-Grease System is available throughout the entire CASSIDA grease portfolio.



**CASSIDA GREASE RLS 1 and 2**  
Multi-purpose greases for regularly loaded bearings – good adhesive properties and water resistance.



**CASSIDA GREASE HTS 2**  
High-performance grease for plain and roller bearings operating at temperatures up to 200°C (peak 220°C).



**CASSIDA GREASE EPS 1 and 2**  
Outstanding protection against wear and rust. Multi-purpose grease suitable for bearings used under extreme conditions and at high speeds.



**CASSIDA GREASE FC 1 and 2**  
PFPE greases for use in continuous high temperatures and/or in aggressive environments.



**CASSIDA GREASE GTX 2**  
Specialty grease for heavily loaded or slow moving bearings with excellent water resistance and outstanding protection against wear and rust.



**CASSIDA GREASE LTS 1**  
Specialty low-temperature grease for roller bearings. Operating temperature down to -50°C.



**CASSIDA GREASE GTS 2**  
Multi-purpose grease suitable for bearings used under extreme conditions and at high speeds with outstanding protection against wear and rust.



**CASSIDA FM GREASE DC 2**  
Specialty direct contact, multifunctional grease for food processing applications in the food manufacturing industry.



**CASSIDA FM GREASE EP 1.5**  
Specialty semi-synthetic extreme pressure grease for food and beverage processing equipment.



**CASSIDA GREASE MD 2**  
Silicone grease for the lubrication of all sorts of taps, flow meters and fittings with EPDM seals, used for the handling of water, drinks and beer, including drum-filling inflow valves – provides high resistance against chemicals.



**CASSIDA GREASE HDS 2**  
Heavy-duty grease providing excellent protection for heavily loaded or slow moving bearings. Outstanding tackiness and excellent water resistance.



















**CASSIDA GREASE CLEAR 2**  
Synthetic specialty grease for food and beverage processing equipment.



**CASSIDA FM GREASE HD 2**  
Specialty heavy-duty grease for food and beverage processing equipment.

## Product Overview

Product	Base Oil	Thickener	Base oil viscosity [mm²/s]		NLGI grade	Temperature range	Colour Code
			@ 40°C	@ 100°C			
Regular Load							
CASSIDA GREASE RLS 1	Synthetic	AlCx	150	18	1	-40 to 120°C (peak 140°C)	
CASSIDA GREASE RLS 2	Synthetic	AlCx	150	18	2	-35 to 120°C (peak 140°C)	
Extreme Pressure							
CASSIDA GREASE EPS 1	Synthetic	AlCx	220	25	1	-40 to 120°C (peak 140°C)	
CASSIDA GREASE EPS 2	Synthetic	AlCx	220	25	2	-35 to 120°C (peak 140°C)	
CASSIDA GREASE GTX 2	Synthetic	CsCx	460	44	2	-35 to 180°C (peak 220°C)	
CASSIDA GREASE GTS 2	Synthetic	CsCx	85	12.8	2	-40 to 170°C (peak 200°C)	
CASSIDA FM GREASE EP 1.5	White Oil	mod. AlCx	220	22	1.5	-30 to 140°C (peak 150°C)	
Heavy Duty							
CASSIDA GREASE HDS 2	Synthetic	AlCx	800	67	2	-30 to 120°C (peak 140°C)	
CASSIDA FM GREASE HD 2	White Oil	mod. AlCx	550	37.8	2	-10 to 140°C (peak 150°C)	
High Temperature							
CASSIDA GREASE HTS 2	Synthetic	Inorganic	400	40	2	-30 to 200°C (peak 220°C)	
CASSIDA GREASE FC 1	Synthetic	PTFE	510	47	1	-25 to 260°C (peak 280°C)	
CASSIDA GREASE FC 2	Synthetic	PTFE	510	47	2	-25 to 260°C (peak 280°C)	
Low Temperature							
CASSIDA GREASE LTS 1	Synthetic	AlCx	20	4.8	1	-50 to 100°C (peak 110°C)	
Direct Contact (3H)							
CASSIDA FM GREASE DC 2	White Oil	Inorganic	100	11	2	-10 to 110°C (peak 120°C)	
Special Purpose							
CASSIDA GREASE MD 2	Synthetic	PTFE	650	250	2	-40 to 200°C (peak 250°C)	
CASSIDA GREASE CLEAR 2	Synthetic	Inorganic	75	11.5	2	-30 to 170°C	

All CASSIDA Grease Cartridges are colour coded for ease of identification.

## Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS engineers will be glad to advise on products for the application in question and also on our full range of lubricants.



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