

FUCHS Special Applications

CASSIDA

Two-handed HD GREASE GUN CASSIDA and CASSIDA Grease Portfolio



MOVING YOUR WORLD



FUCHS LUBRICANTS GERMANY

We do not just develop lubricants. We develop intelligent solutions for highly complex challenges.

To this end, we have pooled our expertise and experience from a wide range of application areas: FUCHS SCHMIERSTOFFE and FUCHS LUBRITECH became FUCHS LUBRICANTS GERMANY. Our goal: to keep our customers' world in motion. Efficient, sustainable, reliable. Today and tomorrow.

What can we move for you?



FUCHS LUBRICANTS GERMANY

Facts and figures

Company: FUCHS LUBRICANTS GERMANY GmbH,
a company of the FUCHS Group

Locations: Based in Mannheim, with sites in
Bremen, Dohna, Hamburg, Kaiserslautern, Kiel and Wedel;
approx. 1,400 employees

Product range: A full range of more than 3,000 products
for all application areas

Certifications i. a.: ISO 9001, IATF 16949, ISO 14001,
ISO 45001, ISO 50001, ISO 21469, HALAL, KOSHER
(detailed certifications at www.fuchs.com/de/en)

CO₂ neutral production*

Since 1931, we have been pursuing the same goal: to keep the world moving. With innovative and technological lubricant solutions that have a sustainable impact on the future. Unconditional reliability is our top priority, it is the foundation of our company and basis for everything that defines us.

Reliability is both a driver and a demand. And it's a promise to all our customers in the fields of automotive suppliers and OEMs, mechanical engineering, metal processing, mining and exploration, aerospace, energy, construction and transport, agriculture and forestry, as well as the paper, steel, metal, cement, forging and food industries, but also qualified lubricant dealers, car dealerships and workshops.

Long-term experience, high development strength and the fulfillment of far-reaching standards are the basis for the special quality of our world-leading product brands. We deliver solutions that are simply more efficient and therefore more sustainable. We always think in holistic solutions. For the development of individual solutions, we enter into an intensive customer dialog with you. This is the way we live up to our claim of moving your world.

MOVING YOUR WORLD

*Partially also based on compensation



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.

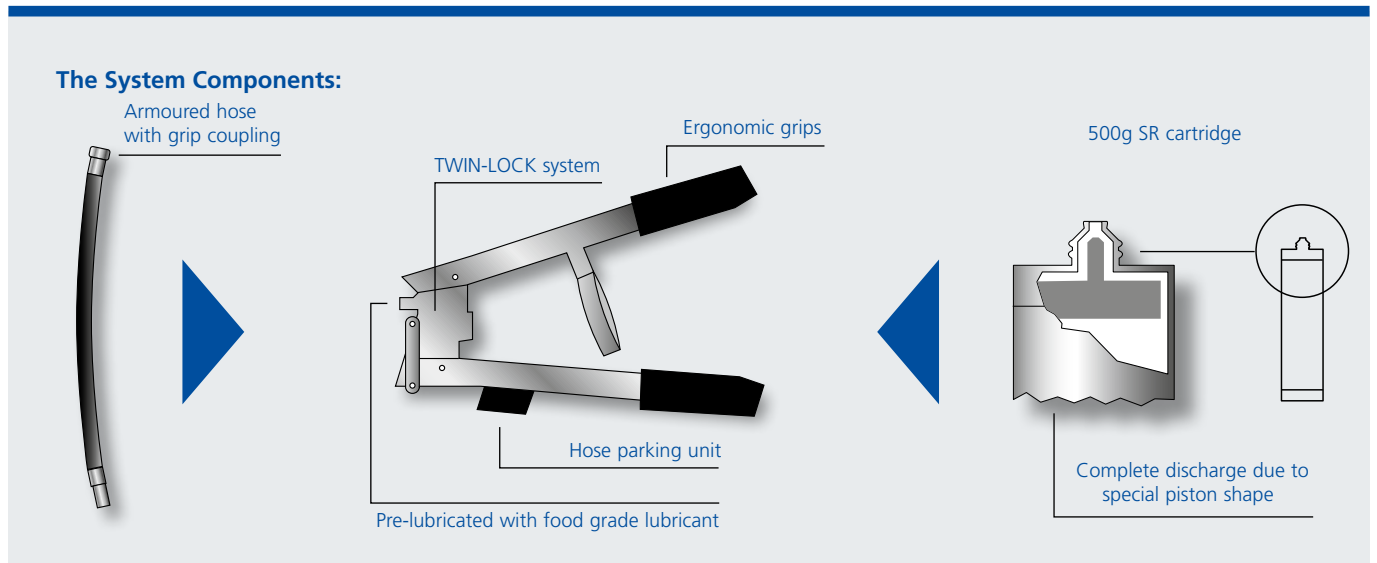
Offers highest food safety

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



Handling

	<p>Twist off the screw cap from the cartridge.</p>
	<p>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.</p>
	<p>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 cm³.</p> <p>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).</p> <p>Now the grease gun is ready to use.</p>
	<p>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.</p> <p>As soon as you feel a resistance when closing the grease gun its use can be continued.</p>
	<p>You can check the lubricant level in the cartridge at any time (left: filled cartridge, right: completely empty cartridge).</p>

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 [mm ² /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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