

# CASSIDA

## Solutions for the Beverage and Brewing Industry

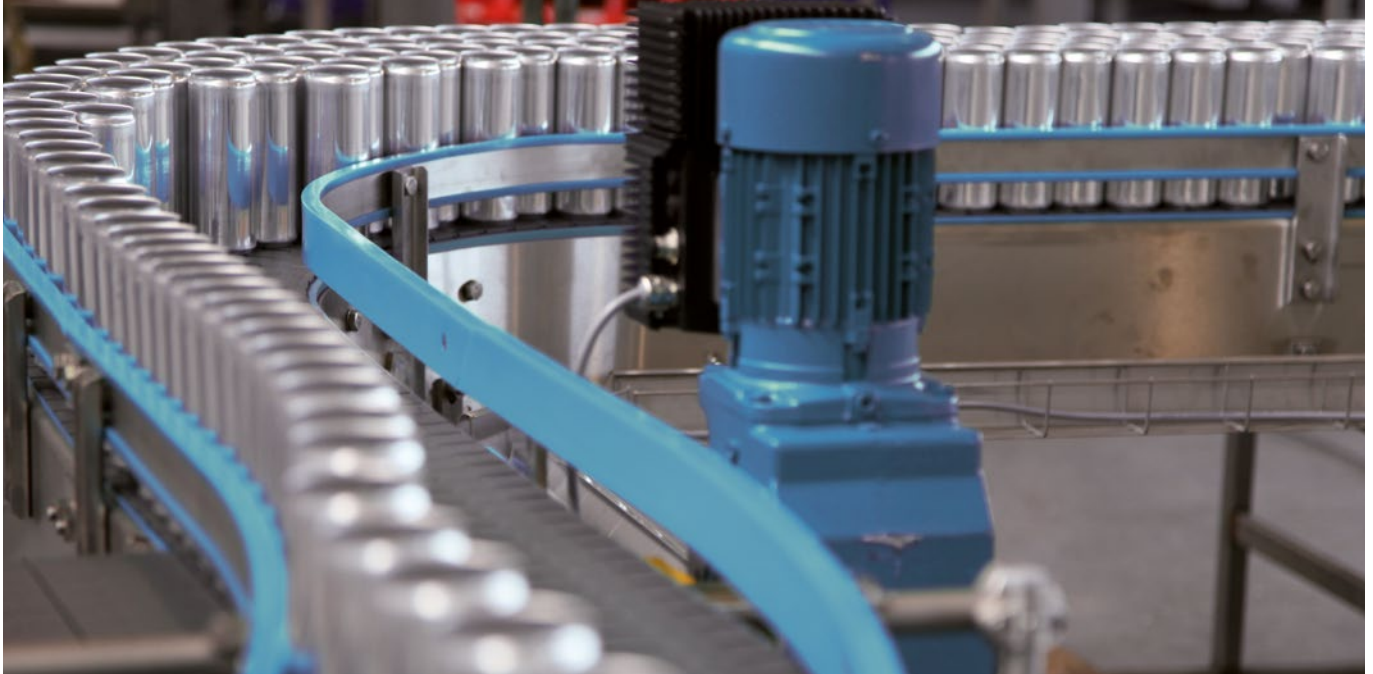


LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.



**LUBRITECH**  
Special Application Lubricants

## CASSIDA food grade lubricants – Solutions for the Beverage and Brewing Industry



### CASSIDA food grade lubricants

In the food and beverage manufacturing industry, the use of food-safe machine lubricants can mean the difference between a good name and no name at all. The production of food, beverages and related products puts the strictest requirements on the lubricants used in the manufacturing process.

Consumer protection is absolutely essential. Incidental oil contamination at any point in the process needs to be avoided by breweries and beverage manufacturers, who brew, mix, can and bottle millions of gallons of beverages for global markets every year. In addition, ensuring that the production process runs smoothly and is highly effective (meaning longer component lifetimes and extended maintenance intervals) is our number one priority.

Our customers benefit from the excellent quality of the CASSIDA portfolio, which has been confirmed by numerous OEM approvals given by well-known manufacturers of production and manufacturing equipment.

Today, major brewers and beverage manufacturers are taking the risk out of their processes by switching to CASSIDA food grade lubricants as the safe alternative for all lubrication points in their production plants.

### Our support package

As well as providing you with high-performance food grade lubricants, FUCHS LUBRITECH is able to offer expert technical

advice and support. FUCHS LUBRITECH can assist with oil condition monitoring, failure analysis and diagnosis, Lubrication Critical Control Point (LCCP) surveys and much more.

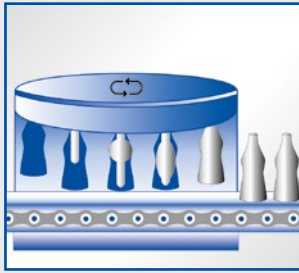
### Performance and safety

The CASSIDA range is NSF H1 registered, as well as being the first food grade lubricant range to receive ISO 21469 certification. Certified for Halal and Kosher production, the CASSIDA range provides a total solution for the meat and poultry industry.

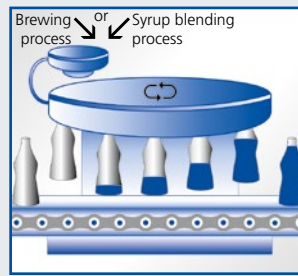


## Basic Process Chart

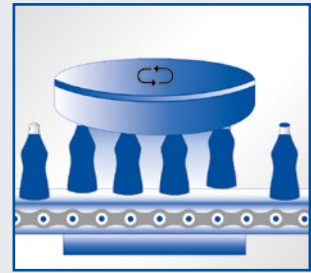
1. Blow moulder



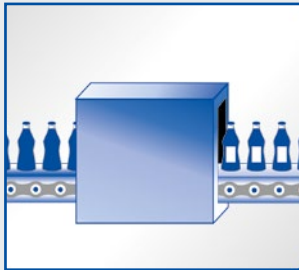
2. Filler



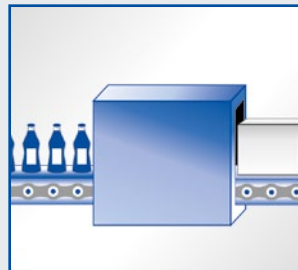
3. Capper



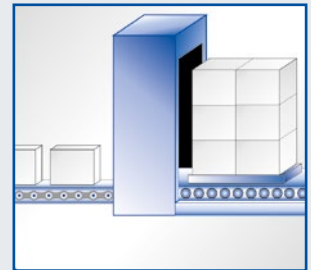
4. Labeller



5. Cartoner



6. Palletiser



## Overview of CASSIDA Products

Process Steps	Main Products	Common Machine Parts	Process Example
<b>Preparation</b>	CASSIDA GREASE EPS 2	Bearings	De-palletising
	CASSIDA FLUID HF 46 and 68	Hydraulics	
	CASSIDA FLUID VP 68 or 100	Vacuum pumps	
	CASSIDA FLUID GL or WG Series	Gearboxes	
	CASSIDA CHAIN OIL Series	Chains	
<b>Transportation</b>	CASSIDA FLUID GL or WG Series	Gearboxes	Conveyors
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA CHAIN OIL Series	Chains	
<b>1. Blow moulding</b>	CASSIDA FLUID GL or WG Series	Gearboxes	Injection moulding Blow moulding
	CASSIDA FLUID HFS Series	Hydraulics	
	CASSIDA FLUID CR Series	Air compressor	
	CASSIDA GREASE GTX 2, EPS 2 or GTS 2	Central lubrication system	
	CASSIDA FM HEAT TRANSFER FLUID 32	Heating mandrels	



Process Steps	Main Products	Common Machine Parts	Process Example
<b>2. Brewing (subprocess)</b>	CASSIDA FLUID HF 100, GL or GLE 150	Pumps, mixers	Malting, brewhouse
	CASSIDA GREASE EPS 2	Bearings	Fermentation: Silo, boiler, separator, cooler, filter and storage tanks
	CASSIDA FLUID GL or WG Series	Separators	
	CASSIDA FLUID HF 46 and 68	Filter presses	
	CASSIDA CHAIN OIL Series	Chains	
<b>2. Soft drinks and other beverages (subprocess)</b>	CASSIDA FLUID HF 100, GL or GLE 150	Gearboxes	Concentrate, sweetener, water treatment, syrup, blending, carbonation
	CASSIDA FLUID WG 220 to 460	Worm gears	
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA FLUID HF 46 and 68	Hydraulics	
	CASSIDA CHAIN OIL Series	Chains	
<b>2. Filling, seaming, capping, pasteurising</b>	CASSIDA FLUID GL or WG Series	Gearboxes	Bottle/can rinsing
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA CHAIN OIL Series	Chains	
	CASSIDA GREASE RLS 1, 0, 00 or EPS 1, 0	Bearings	Can seaming
	CASSIDA FLUID GLE 150, 220	Gearboxes/drive chains	
	CASSIDA FM GEAR OIL TLS 150		Can seaming (Ferrum)
	CASSIDA FLUID CR 100	Central lubrication system	
	CASSIDA GREASE GTX 2	Bearings	Can pasteurising
	CASSIDA CHAIN OIL Series	Chains	
	CASSIDA FLUID GL or WG Series	Gearboxes	
<b>3. Filling, seaming, capping, pasteurising</b>	CASSIDA GREASE EPS Series	Bearings	Bottle filling, capping
	CASSIDA FLUID GL 220 to 460	Gearboxes	
	CASSIDA GREASE MD 2	Taps, joints, gaskets	
<b>4., 5., 6. Labelling, packing, storage</b>	CASSIDA GREASE EPS 2 or HTS 2 or GTS 2	Bearings	Labelling and packing, keg packing, cardboard packing
	CASSIDA GREASE RLS 000	Central lubrication system	
	CASSIDA FLUID GL or WG Series	Gearboxes	
	CASSIDA CHAIN OIL Series	Drive chains	
	CASSIDA FLUID HF 46, 68, 100 or GL 150	Hydraulics	
	CASSIDA FLUID VP 68 or 100	Vacuum pump	Cold storage/refrigeration
	CASSIDA FLUID RF Series	Refrigeration compressors	
<b>General maintenance</b>	CASSIDA FLUID CP SPRAY		
	CASSIDA FLUID DC SPRAY		
	CASSIDA FLUID FL 5 SPRAY		
	CASSIDA GREASE GTS SPRAY		
	CASSIDA PASTE AP		
	CASSIDA PTFE DRY SPRAY		
	CASSIDA SILICONE FLUID SPRAY		
	CASSIDA FM FLUSHING FLUID 32		
	HD GREASE GUN CASSIDA		

## FUCHS LUBRITECH – SPECIAL APPLICATION LUBRICANTS

The FUCHS Group 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, we are 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 work to meet your needs. However demanding the application, we offer a specialised solution.

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

## 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.



Contact:

