

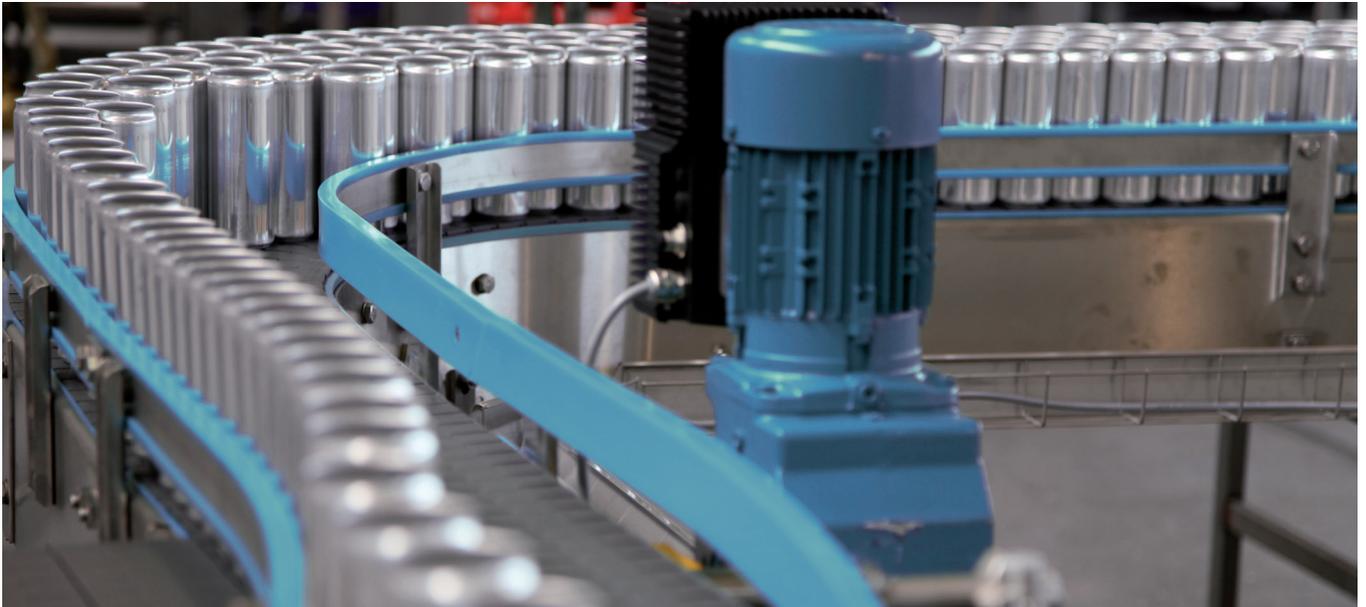
Solutions for the Beverage and Brewing Industry



LUBRICANTS.
TECHNOLOGY.
PEOPLE.



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 is able to offer expert technical advice and support. FUCHS 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.

NSF H1 registered
ISO certified



Nonfood Compounds
Program Listed
ISO 21469 certified

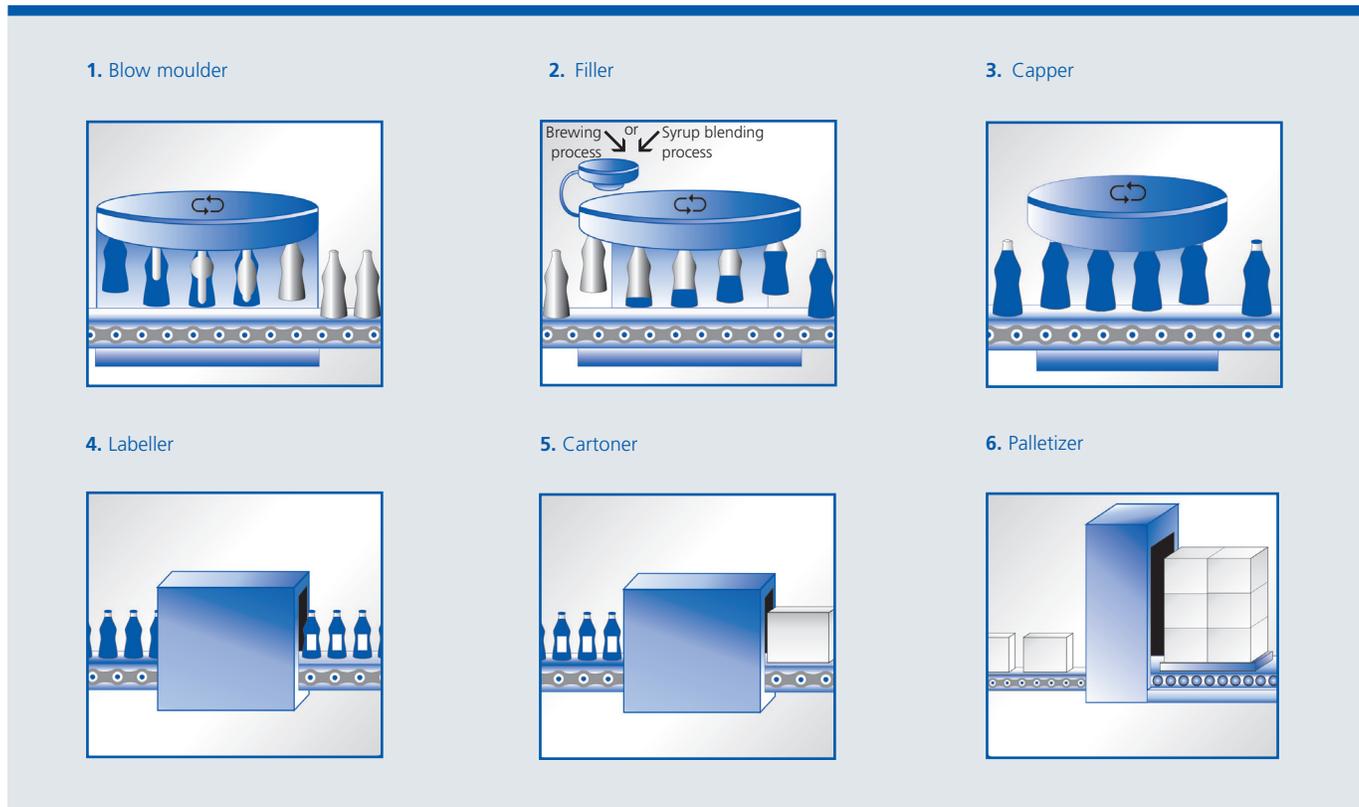
Kosher certified



Halal certified



Basic Process Chart



Overview of CASSIDA Products

Process Steps	Main Products	Common Machine Parts	Process Example
Preparation	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 PAG Series	Gearboxes	
	CASSIDA CHAIN OIL Series	Chains	
Transportation	CASSIDA FLUID GL or PAG Series	Gearboxes	Conveyors
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA CHAIN OIL Series	Chains	
1. Blow moulding	CASSIDA FLUID GL or PAG Series	Gearboxes	Injection moulding
	CASSIDA FLUID HF Series	Hydraulics	
	CASSIDA FLUID CR Series	Air compressor	
	CASSIDA FLUID CRE 46	Air compressor	
	CASSIDA GREASE EPS 2	Central lubrication system	
	FM HEAT TRANSFER FLUID 32	Heating mandrels	

Process Steps	Main Products	Common Machine Parts	Process Example
2. Brewing (subprocess)	CASSIDA FLUID HF 100, GL or GLE 150	Pumps, mixers	Malting, brewhouse Fermentation: Silo, boiler, separator, cooler, filter and storage tanks
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA FLUID GL or PAG Series	Separators	
	CASSIDA FLUID HF 46 and 68	Filter presses	
	CASSIDA CHAIN OIL Series	Chains	
2. Soft drinks and other beverages (subprocess)	CASSIDA FLUID HF 100, GL or GLE 150	Gearboxes	Concentrate, sweetener, water treatment, syrup, blending, carbonation
	CASSIDA FLUID PAG 220 to 460	Worm gears	
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA FLUID HF 46 and 68	Hydraulics	
	CASSIDA CHAIN OIL Series	Chains	
2. Filling, seaming, capping, pasteurizing	CASSIDA FLUID GL or PAG 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	
	FM GEAR OIL TLS 150 / FM SEAMER OIL 150		Can seaming (Ferrum)
	CASSIDA FLUID CR 100	Central lubrication system	
	CASSIDA GREASE EP 2	Bearings	
	CASSIDA CHAIN OIL Series	Chains	
	CASSIDA FLUID GL or PAG Series	Gearboxes	Can pasteurising
3. Filling, seaming, capping, pasteurizing	CASSIDA GREASE EPS Series	Bearings	Bottle filling, capping
	CASSIDA FLUID GL 220 to 460	Gearboxes	
	CASSIDA GREASE MD 2	Taps, joints, gaskets	
4., 5., 6. Labelling, packing, storage	CASSIDA GREASE EPS 2 / FM GREASE CSC EP 2	Bearings	Labelling and packing, keg packing, cardboard packing
	CASSIDA GREASE RLS 000	Central lubrication system	
	CASSIDA FLUID GL or PAG Series	Gearboxes	
	CASSIDA CHAIN OIL Series	Drive chains	
	CASSIDA FLUID HF 46, 68, 100	Hydraulics	
	CASSIDA FLUID VP 68 or 100	Vacuum pump	
	CASSIDA FLUID RF Series	Refrigeration compressors	
General maintenance	CASSIDA SILICONE FLUID SPRAY		Cold storage/refrigeration
	FM KYSTALL		
	FM AIRLUBE AA		

FUCHS LUBRICANTS CO. – SPECIAL APPLICATION LUBRICANTS

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 the 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.

Innovative lubricants need experienced applications 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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