

**Solutions for the
Animal Feed Industry**



LUBRITECH
Special Application Lubricants

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 specialized 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.

CASSIDA food grade lubricants – Solutions for the Animal Feed Industry



CASSIDA food grade lubricants

In the animal feed 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 animal feed manufacturers, who process millions of kilograms animal feed 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.

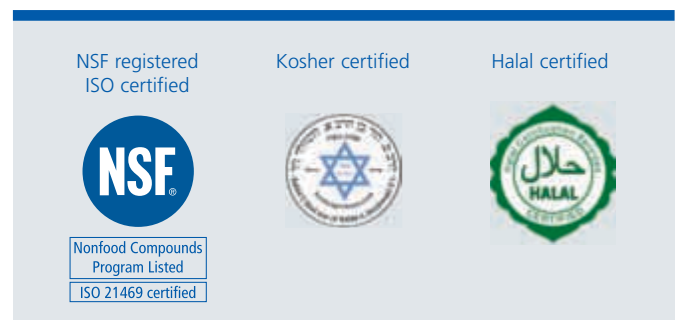
Today, major animal feed manufacturers are taking the risk out of their processes by switching to CASSIDA food grade lubricants as the safe alternative for all lubrication points in their production plants.

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.

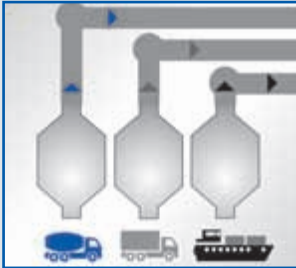
Performance and safety

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 animal feed industry.

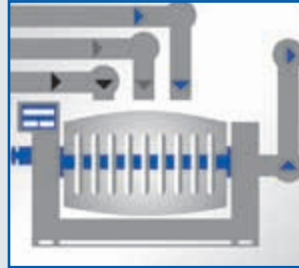


Basic Process Chart

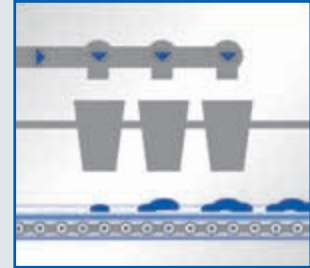
1. Delivery, receipt, and storage of raw materials



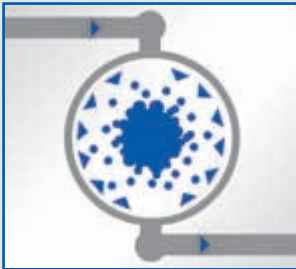
2. Milling



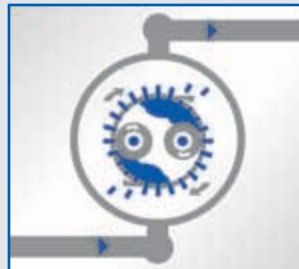
3. Dosing and premixing



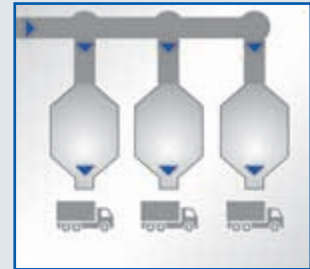
4. Preconditioning, compacting



5. Pressing, extruding, cooling, spraying



6. Filling and storage



Overview of CASSIDA Products

Process Steps	Main Products	Common Machine Parts	Process Example
1. Delivery, receipt, storage	CASSIDA FLUID GL / WG Series	Gearboxes	Ingredients silo, pumping, transportation
	CASSIDA GREASE EPS / RLS / GTS / GTX Series	Bearings	
	CASSIDA FLUID CR Series	Compressors	
	CASSIDA CHAIN OIL Series	Chains, conveyors	
2. Milling	CASSIDA FLUID GL / WG Series	Gearboxes	Milling
	CASSIDA GREASE GTX Series, FM GREASE HD Series	Bearings	Transportation
	CASSIDA GREASE EPS 00 / RLS 1 / GTS 2	Central lube system	
	CASSIDA CHAIN OIL Series	Chains, conveyors	
3. Dosing, premixing	CASSIDA GREASE EPS or GTX / GTS Series	Bearings	Mixing
	CASSIDA CHAIN OIL Series	Chains	Transportation
4. Preconditioning, compacting	CASSIDA FLUID HF / HFS Series	Hydraulics	Compactor
	CASSIDA FLUID GL / WG Series	Gearboxes	Transportation
	CASSIDA GREASE GTX , FM GREASE HD Series	Bearings	
	CASSIDA CHAIN OIL Series	Chains	
5. Pressing, extruding, cooling, spraying	CASSIDA FLUID HF / HFS Series	Hydraulics	
	CASSIDA GREASE GTX , FM GREASE HD Series	Bearings	Pellet press or extruder
	CASSIDA GREASE EPS 00 / RLS 1 / GTS 2	Central lube system	Transportation
	CASSIDA FLUID GL or WG	Gearboxes	
	CASSIDA CHAIN OIL Series	Chains, conveyors	Forming area, mold release
6. Filling and storage	CASSIDA FLUID VP 68 or 100	Vacuum pump	Wrapping
	CASSIDA FLUID HF / HFS / GL or WG Series	Hydraulics, gearboxes	Filling
	CASSIDA GREASE EPS 00 / RLS 1 / GTS 2	Bearings	
	CASSIDA FLUID CR Series	Compressors	Storage
	CASSIDA CHAIN OIL Series	Chains, conveyors	
General maintenance	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		
	FM FLUSHING FLUID 32		
TWO-HANDED CASSIDA GREASE GUN			

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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