

**FUCHS** Special Applications

# CASSIDA

Solutions for the  
Animal Feed Industry



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.



MOVING YOUR WORLD



## FUCHS LUBRICANTS CO.

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.

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.



## 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 pounds of 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 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 animal feed industry.

NSF H1 registered  
ISO certified



Nonfood Compounds  
Program Listed  
ISO 21469 certified

Kosher certified

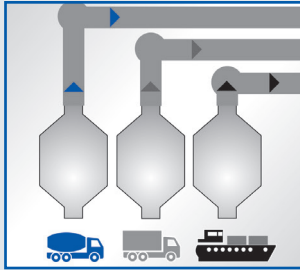


Halal certified

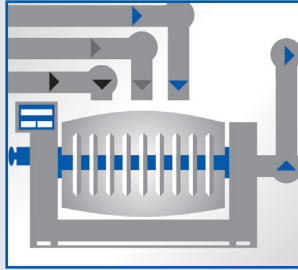


## Basic Process Chart

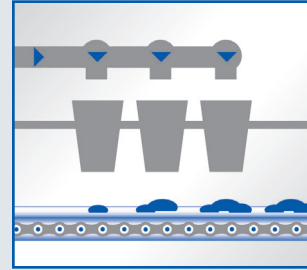
1. Delivery, receipt and storage of raw materials



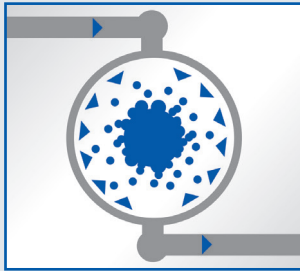
2. Milling



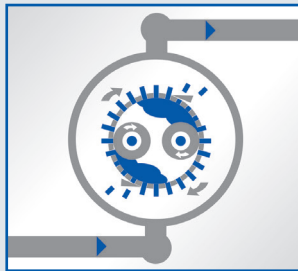
3. Dosing and premixing



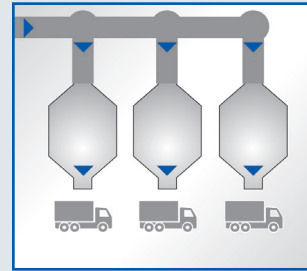
4. Preconditioning, compacting



5. Pressing, extruding, cooling, spraying



6. Filling and storage



## Overview of CASSIDA Products

Process Steps	Main Products	Common Machine Parts	Process Example
<b>1. Delivery, receipt, storage</b>	CASSIDA FLUID GL	Gearboxes	Ingredients silo, pumping, transportation
	CASSIDA GREASE EPS / CASSIDA FM GREASE CSC EP Series	Bearings	
	CASSIDA FLUID CRE 46	Compressors	
	CASSIDA CHAIN OIL 150 / CASSIDA FM CHAIN OIL 100	Chains, conveyors	
<b>2. Milling</b>	CASSIDA FLUID GL Series	Gearboxes	
	CASSIDA FM GREASE CSC EP Series / CASSIDA FM GREASE HD Series	Bearings	
	CASSIDA GREASE EPS 1 / CASSIDA FM GREASE CSC EP 1	Central lube system	
	CASSIDA CHAIN OIL 150 / CASSIDA FM CHAIN OIL 100	Chains, conveyors	
<b>3. Dosing, premixing</b>	CASSIDA GREASE EPS / CASSIDA FM GREASE CSC EP Series	Bearings	Mixing
	CASSIDA CHAIN OIL 150 / CASSIDA FM CHAIN OIL 100	Chains	Transportation
<b>4. Preconditioning, compacting</b>	CASSIDA FLUID HF Series	Hydraulics	
	CASSIDA FLUID GL Series	Gearboxes	
	CASSIDA FM GREASE 2, CASSIDA FM GREASE HD Series	Bearings	
	CASSIDA CHAIN OIL 150 / CASSIDA FM CHAIN OIL 100	Chains	
<b>5. Pressing, extruding, cooling, spraying</b>	CASSIDA FLUID HF Series	Hydraulics	Pellet press or extruder
	CASSIDA FM GREASE 2, CASSIDA FM GREASE HD 2	Bearings	
	CASSIDA GREASE EPS 1 / CASSIDA FM GREASE CSC EP 1	Central lube system	Transportation
	CASSIDA FLUID GL Series	Gearboxes	Forming area, mould release
	CASSIDA CHAIN OIL 150 / CASSIDA FM CHAIN OIL 100	Chains, conveyors	
<b>6. Filling and storage</b>	CASSIDA FLUID VP 68 or 100	Vacuum pump	Wrapping
	CASSIDA FLUID HF / GL	Hydraulics, gearboxes	
	CASSIDA GREASE EPS 2	Bearings	
	CASSIDA FLUID CRE 46-	Compressors	
	CASSIDA CHAIN OIL 150 / CASSIDA FM CHAIN OIL 100	Chains, conveyors	
<b>General maintenance</b>	CASSIDA SILICONE FLUID SPRAY		
	CASSIDA FM KRYSTALL		
	CASSIDA FM AIRLUBE AA		

## 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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