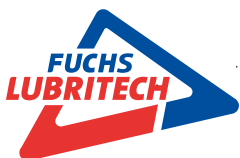




## CASSIDA LUBRICANTS – SOLUTIONS FOR THE EDIBLE OIL PROCESSING INDUSTRY





CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
FLUID GLE 220

CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
FLUID GLE 150

CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
FLUID GLE 220

CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
GREASE EPS 1

CASSIDA  
CASSIDA  
CHAIN OIL  
1500 SPRAL

CASSIDA  
CASSIDA  
GREASE EPS 01



## CASSIDA food grade lubricants – Solutions for the Edible Oil Processing Industry

### Lubricating the edible oil processing industry

In the edible oil processing industry, the use of food-safe machine lubricants can mean the difference between a good name and no name at all.

Incidental and direct oil contamination during the whole process needs to be avoided by edible oil manufacturers who process millions of kilograms of food for global markets every year.

Today major edible oil 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.

### CASSIDA food grade lubricants

The production of edible oil and related products puts the highest requirements on the lubricants used in the manufacturing process. Consumer protection is absolutely essential. 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.

### 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 and suitable for use in the preparation of vegetarian foods, the CASSIDA range provides a total solution for the edible oil processing industry.

NSF registered  
ISO certified



Nonfood Compounds  
Program Listed

ISO 21469 certified

Kosher certified



Halal certified





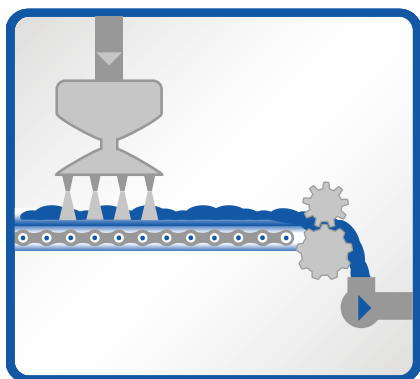
## Our Support Package

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

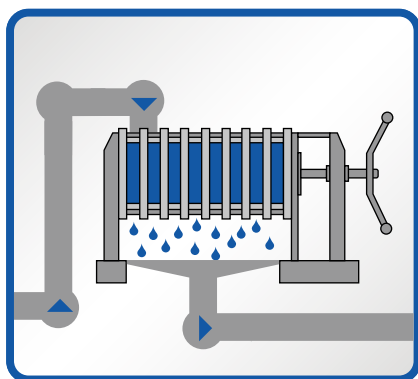
with oil condition monitoring, failure analysis and diagnosis, Lubrication Critical Control Point (LCCP) surveys and much more.

## Basic Process Chart

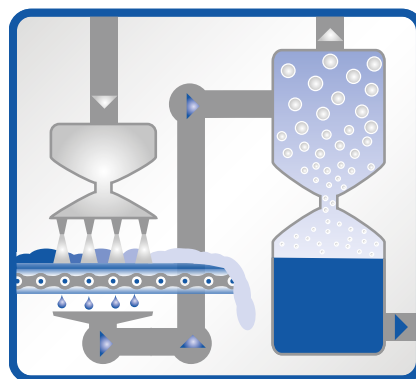
**1** Cleaning, Grinding, Sterilising, Drying



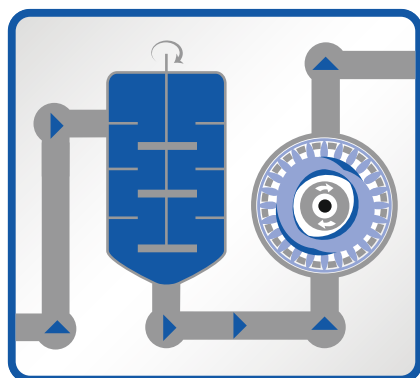
**2** Pressing



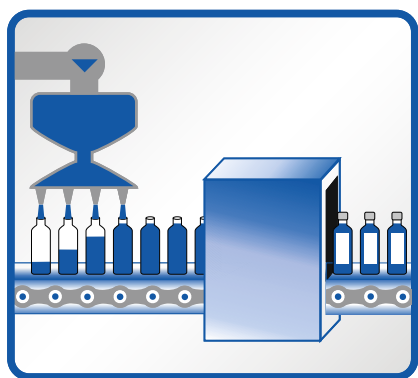
**2A** Solvent Extraction



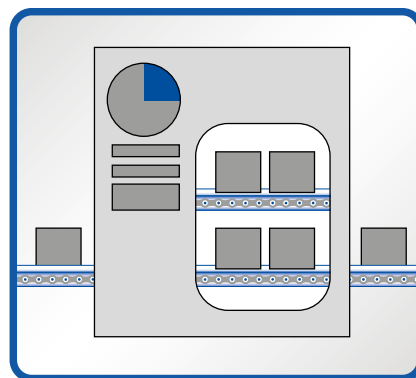
**3** Refining: Degumming, Bleaching, De-Odorising



**4** Filling, Labelling

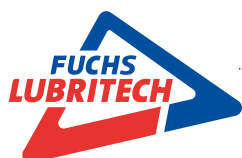


**5** Packing, Palletising, Storage



NO.	MAIN PRODUCTS	PROCESS	COMMON MACHINE PARTS
1	<b>CLEANING, GRINDING, STERILISING, DRYING</b> CASSIDA FLUID GL or WG 220 to 460 CASSIDA CHAIN OIL Series CASSIDA GREASE EPS 2 / GTS 2 / GTX 2 / FM GREASE HD 2 CASSIDA FLUID CR Series CASSIDA FLUID HF Series		Gearboxes Chains, Conveyors Bearings  Compressors / Blowers Hydraulics
2	<b>PRESSING</b> CASSIDA FLUID GL or WG 220 to 460 CASSIDA CHAIN OIL Series CASSIDA FLUID HF Series CASSIDA GREASE EPS 2 / GTS 2 / GTX 2		Gearboxes Chains, Conveyors Hydraulics Bearings
2A	<b>SOLVENT EXTRACTION</b> FM HEAT TRANSFER FLUID 32 CASSIDA FLUID GL or WG 220 to 460 CASSIDA GREASE EPS 2 / GTS 2 / GTX 2 / HTS 2 CASSIDA GREASE FC Series CASSIDA CHAIN OIL Series CASSIDA FLUID DC Series		Heat Transfer System Gearbox Bearings Bearings exposed to Solvent Chains, Conveyors Solvent Absorption
3	<b>REFINING: NEUTRALISING DEGUMMING, BLEACHING, DE-ODORISING</b> FM HEAT TRANSFER FLUID 32 CASSIDA FLUID GL or WG 220 to 460 CASSIDA GREASE EPS 2 / HTS 2 / GTS 2 / GTX 2 CASSIDA GREASE FC Series CASSIDA FLUID HF Series		Heat Transfer System Gearbox Bearings Bearings exposed to Chemicals Hydraulics
4	<b>FILLING, LABELLING</b> CASSIDA FLUID GL or WG 220 to 460 CASSIDA FLUID HF Series CASSIDA GREASE EPS / RLS Series CASSIDA GREASE HTS 2 / GTS 2 / GTX 2 / MD 2 CASSIDA CHAIN OIL Series	Filling Area	Gearbox Hydraulics Bearings, Filling Machines Bearings, Filling Machines Chains
4	CASSIDA GREASE EPS 2 / GTS 2 CASSIDA GREASE RLS 00, GTS 2 CASSIDA FLUID GL or WG 220 to 460 CASSIDA CHAIN OIL Series CASSIDA FLUID HF 46, 68, 100 or GL 150 CASSIDA FLUID VP 68 or 100	Packaging, Labelling Paperboard Packing	Bearings Central Lubr. System Gearbox Drive Chains Hydraulics Vacuum Pump
5 6	<b>PACKING, PALLETISING, STORAGE</b> CASSIDA FLUID RF Series CASSIDA GREASE EPS / RLS Series CASSIDA FLUID HF / HFS / GL Series CASSIDA CHAIN OIL Series		Refrigeration Compressors Bearings Hydraulics, Gearboxes Chains, Conveyors
<b>GENERAL MAINTENANCE</b>			
CASSIDA GREASE GTS SPRAY CASSIDA SILICONE FLUID SPRAY CASSIDA FLUID FL 5 SPRAY CASSIDA PASTE AP CASSIDA PTFE DRY SPRAY CASSIDA FLUID CP SPRAY			

# CASSIDA food grade lubricants



FUCHS LUBRITECH GmbH  
FOOD DIVISION  
Werner-Heisenberg-Straße 1  
67661 Kaiserslautern / Germany  
[www.fuchs-lubritech.com](http://www.fuchs-lubritech.com)



Phone +49 (0) 6301 3206-0  
Fax +49 (0) 6301 3206-940  
Email [cassida.lubricants@fuchs-lubritech.de](mailto:cassida.lubricants@fuchs-lubritech.de)  
[www.cassida-lubricants.com](http://www.cassida-lubricants.com)

