



FOOD GRADE LUBRICANTS FOR THE DAIRY INDUSTRY

FUCHS Cassida H1 Food Grade Lubricants



ISO 21469 Certified

The dairy process involves severe conditions from extreme heat to freezing temperatures as well as a high presence of moisture. FUCHS understands the requirements of the dairy industry and have developed lubricants capable of working well at each particular stage of the process. FUCHS can supply you with the high quality lubricants needed for applications throughout the dairy process.

Why Use Food Grade Lubricants?

For food and beverage manufacturing, using food grade lubricants is of the utmost importance. Whilst lubricant leaks are rare, when they do happen it can be very costly if food grade lubricants have not been used. FUCHS Cassida food grade lubricants help to ensure safe and efficient food production whilst providing protection for your brand and reputation.

Performance and Safety

The FUCHS Cassida range has been developed to meet the stringent requirements of the food and beverage industry. The Cassida range is NSF H1 approved as well as being the first food grade lubricant to receive ISO 21469 certification. Approved for Halal and Kosher production as well as being suitable for use in preparation of vegetarian foods, the FUCHS Cassida range provides a total solution for the dairy industry.

The FUCHS Support Package

As well as providing you with high performance food grade lubricants, FUCHS are able to offer expert UK based technical advice and support. FUCHS are able to assist with oil condition monitoring, failure analysis and diagnosis, Lubrication Critical Control Point (LCCP) surveys and much more.

The full and comprehensive FUCHS Cassida range has been specially developed for use in the food industry. This table outlines a small selection of products available to meet the needs of the dairy industry.

FUCHS Cassida provides the lubricants to meet the needs of the dairy industry

Gearboxes

FUCHS Cassida GL Series

FUCHS Cassida WG Series

High performance, synthetic, anti-wear food grade gear oils for the lubrication of almost all enclosed gearboxes found in the food, beverage and animal feed industries. The FUCHS Worm Gear (WG) series results in high worm gear efficiency due to exceptional low friction properties.

Bearings

FUCHS Cassida Grease RLS 1

FUCHS Cassida Grease EPS 00

FUCHS Cassida Grease EPS 2

FUCHS Cassida Grease LTS 1

FUCHS manufacture a comprehensive range of greases for high and low temperatures, water resistant, general purpose, chemically aggressive environments, and heavy-duty application – FUCHS Cassida greases have been specially designed for equipment used in the food industry.

Chains

FUCHS Cassida Chain Oils

FUCHS Cassida Chain Oil 150 and 1000 are fully synthetic, high performance, anti-wear chain oils with excellent adhesive properties to minimise 'fling off' and 'wash off'. For high temperature applications, FUCHS Cassida Chain Oil HT is the ideal lubricant.

Extreme/ Wet Conditions

FUCHS Cassida Grease XTS

The FUCHS Cassida XTS grease has been specifically developed to work well where operating temperatures continuously reach up to 230°C and may rise as high as 270°C for short periods of time. Also able to work well in chemically aggressive environments.

FUCHS Cassida Grease VTS 3

Good resistance to hot water, steam and disinfectant solution, this grease is suitable for continuous operations at temperatures of up to 150°C and short term exposure to temperatures not exceeding 250°C.

FUCHS FM Gear Oil TLS

Specially formulated to provide good lubrication even when operating in locations where it is subject to contamination with water, juice and food, which is held in suspension, thus protecting metal surfaces from wear and corrosion.

Hydraulics

FUCHS Cassida Fluid HF

FUCHS Cassida Fluid HF is a high performance, anti-wear lubricant, specially developed for machinery used in the food and beverage processing and packaging industry. With excellent water separation and corrosion prevention properties the use of FUCHS Cassida Fluid HF can increase equipment life.

General Purpose

FUCHS Cassida PL Spray

This penetrating oil is high performing, fast-acting, and suitable for general use. Due to the product's capillary effect, the FUCHS Cassida Fluid PL is able to penetrate quickly between rusty and encrusted surfaces of contact to free stuck screw threads as well as being able to dislodge oil and grease residues.

FUCHS Cassida Silicone Spray

This is a silicone based, fully synthetic, high performance multipurpose fluid which leaves a dry lubricating film helping to prevent rubber cracking and drying.

Refrigerator Oil

FUCHS Reniso Ultracool*

A high-tech synthetic alternative to mineral based refrigeration oils with superior low temperature flow-ability, for use even at evaporator temperatures below -45°C. Use of Reniso Ultracool 68 results in lower varnish and sludge build up as well as less residue.

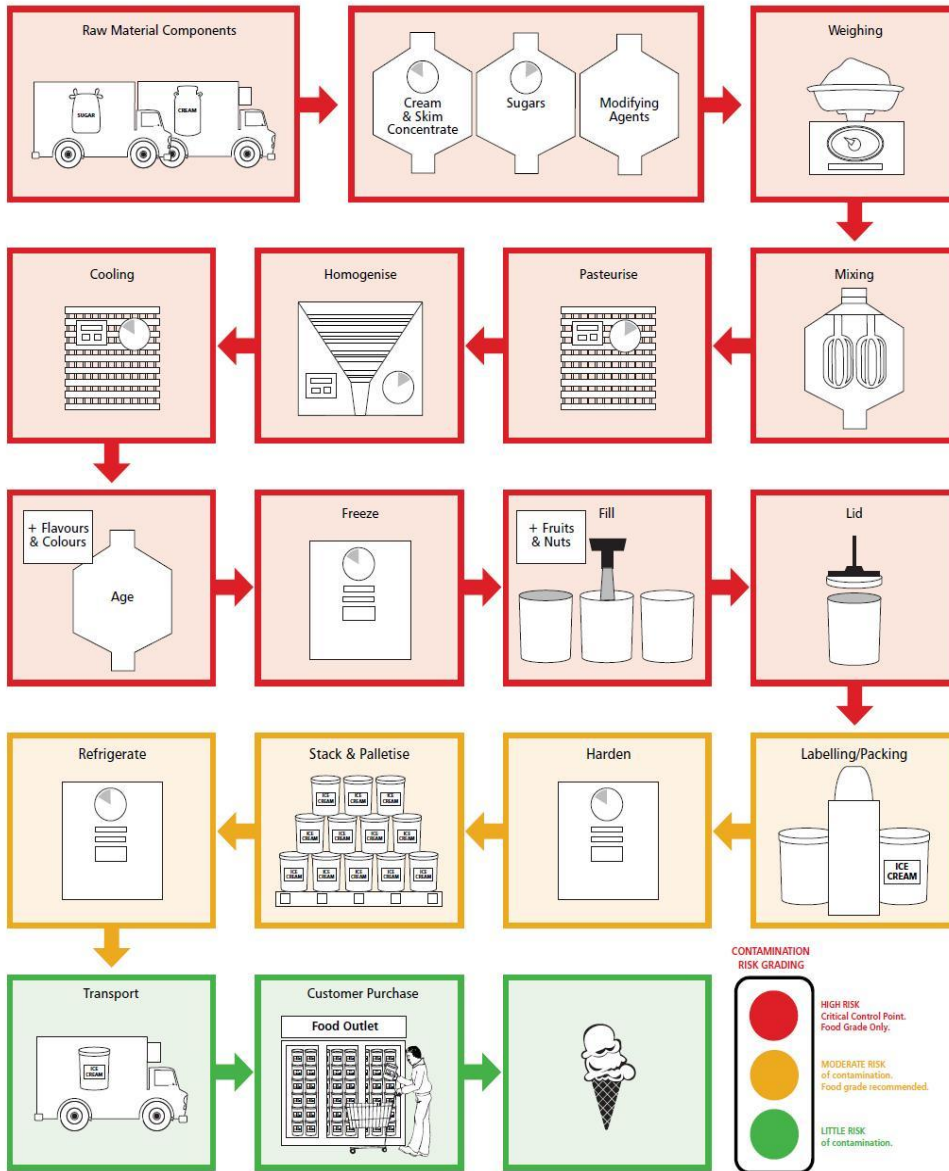
* NON FOOD GRADE LUBRICANT (not NSF registered)

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Critical Contamination Points in the Dairy Processing Industry



Process	Lubricate
Dairy ingredients silo	Bearings Chains Refrigeration compressor Gearboxes
Sugar silo	Bearings Chains Gearboxes
Mixer	Gearbox Bearings Seals Pulley brushes Shaft lifter bearings
Pasteuriser	Bearings Chains Gearboxes
Homogeniser	Hydraulics Gearbox
Cooler	Gearbox Bearings
Ager	Gearbox Bearings Gearbox
Freezer	Bearings Chains Air compressor
Filling machine	Air line Gearbox Bearings
Lid/ wrap	Bearings Gearbox
Labelling & packing	Drive chains Bearings Gearbox Drive chains
Cool storage/ refrigeration	Refrigeration Compressor Bearings Water pump Fan
Palletiser	Bearings Hydraulics Compressor Gearbox Bearings
Conveyor	Chain Gearboxes
Accumulator	Bearings Gearboxes Drive chains
Switch gear	Contacts

The above is a guide only. For expert technical advice, or for a full list of products available, contact our UK support team on 01782 203 878

FIND OUT MORE:

FUCHS are committed to providing all our customers with high quality lubricants, supplied with excellent levels of service and support. For further information about FUCHS Cassida high performance food grade lubricants, please contact your local field sales representative or our customer services department.

Why not visit us at: www.fuchslubricants.com/cassida



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