

Applications of food grade lubricants at each stage of the baking process

1 MIXER

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 baking industry.

FIND OUT MORE:

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

2 PROOFER

Chains

FUCHS Cassida Chain Oil 150

FUCHS Cassida HDSC 2

The warm and high humidity conditions experienced inside a conveyerised proofer system necessitate the use of special types of adhesive, water resistant chain and bearing lubricants. The below lubricants have been specially developed to work well under these conditions.

Oil Lubricated Chains

FUCHS Cassida Chain Oil 150

With excellent adhesive properties, even in the presence of steam, FUCHS Cassida Chain Oil 150 is the ideal lubricant for use at the proofer stage. It extends the service life of chains and reduces downtime due to superior wear prevention and corrosion protection, even under wet or aggressive conditions

Grease Lubricated Chains

FUCHS Cassida HDSC 2

High performance, water resistant multipurpose lubricant with superior mechanical stability particularly in the presence of heat and water, FUCHS Cassida HDSC 2 works extremely well in a conveyerised proofer system.

3 OVEN

PITA OVEN/ TUNNEL OVEN/ SPIRAL OVEN/ RACK OVEN/ TORTILLA OVEN

Chains

FUCHS Cassida Chain Oil HT

SERPENTINE OVEN/ WAFER OVEN/ RACK OVEN

Bearings

FUCHS Cassida Grease XTS

RACK OVEN

Gears

FUCHS Cassida GL series

FUCHS Cassida WG series



The high temperatures in the oven mean chains and bearings are exposed and need protection from the searing heat. The below lubricants have been specially developed to work well under these conditions and protect equipment.

Chains

FUCHS Cassida Chain Oil HT

The FUCHS Cassida Chain Oil HT has been specifically manufactured for the food industry to lubricate drive and transport chains operated at elevated temperatures (up to 250°C^A). The chain oil is easily applied by either brush, through baths or by automatic lubrication system.

^ATo be confirmed in field trials

Bearings

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

4 SLICER

General Use

FUCHS Cassida PL Spray (Penetrating Fluid)

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.



GENERAL PURPOSE

Bearings

FUCHS Cassida Grease RLS 2

These greases provide better high-temperature capability than calcium thickeners. The FUCHS Cassida Grease RLS maintains consistency and reduces leakage, resulting in a long lasting grease.

Penetrating Fluid

FUCHS Cassida PL Spray

Maintenance Spray

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.

FOOD GRADE LUBRICANTS FOR THE BAKING INDUSTRY

FUCHS Cassida H1 Food Grade Lubricants



ISO 21469 Certified

The baking process involves high humidity and hot temperatures, requiring lubricants able to perform well in extreme environments. FUCHS understands the lubrication needs of the baking industry and can supply you with high performance food grade lubricants specially designed to work well in these harsh conditions. Whilst delivering in terms of performance, the FUCHS Cassida range can also help reduce maintenance costs and protect machinery.

The full and comprehensive FUCHS Cassida range has been developed to meet the lubrication needs at each stage of the baking process.

Why Use Food Grade Lubricants?

For food and beverage manufacturing, using food grade lubricants is of the utmost importance. Whilst leaks are rare, when they do happen, if food grade lubricants are not used, it can be very costly. 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 baking 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 can assist with oil condition monitoring, failure analysis and diagnosis, Lubrication Critical Control Point (LCCP) surveys and much more.

