

## L6940 Fehr Food Grade Lube

Fehr will be launching a new 'food Grade' lubricant. A bit of background on how the global food industry supply chain continues to tighten regulations and the necessity for our lubricant product group to expand into new territory. In 2000, the Global Food Safety Initiative was formed to define food safety requirements along the entire food supply chain. 2006 saw the introduction of the ISO 21469 "farm to fork" standard for food grade lubricants, not only with food products, but also cosmetics, pharmaceuticals, tobacco and animal feeds. Then on 4 January 2011, United States President Barack Obama and Congress passed the Food and Drug Administration Food Safety Modernization Act into law. This measure reflects a significant change in the United States food safety laws. This legislation mandates preventive measures by growers, processors and distributors.

Food grade lubricants are specialized lubricants that are acceptable for food processing applications, equipment and plants. Lubricants are approved under the NSF and ranked into three categories:

- H1 lubricants are food-grade lubricants used in food-processing environments where there is the possibility of incidental food contact.
- H2 lubricants are food-grade lubricants used on equipment and machine parts in locations where there is no possibility of contact.
- H3 lubricants are food-grade lubricants, typically edible oils, used to prevent rust on hooks, trolleys and similar equipment.

Fehr Food Grade lubricant is a NSF H1 qualified multi-purpose, high purity calcium sulfate food grade lubricant that provides long lasting grease protection with

superior heavy-duty metal to metal characteristics. This lubricant is excellent for high load applications requiring a long grease life. It will resist water and heat and has a wide temperature range of -40° F to +550° F. Provides rust corrosion protection and superior lubrication to a wide variety of applications.

For use on chains, winches conveyors, gears, cables, hinges, pins levers, rollers, ovens, dryers, threads, bearings, o-rings, linkages, pumps and valves.

For use by bakeries, bottlers, breweries, canneries, dairies, egg processors, meat and poultry processors, pharmaceutical manufactures and food processing plants.

Ours is a grease based lubricant where most others are containing mineral oil. When applied to the springs, ours will work its way throughout the coils and set up to a long lasting consistency. Mineral Oil products are going to require frequent application as they are too thin to last long term.

Another concern would be a vegetable methyl ester in a food plant application would be the biodegradability of the product. If it becomes trapped and dwells long enough to biodegrade, it will be a potential source for bacterial growth.

FEHR FOOD GRADE MULTI-PURPOSE LUBE (ORANGE) X 12 CANS



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