

Increase food safety

The selection of the right lubricant can play a major role in food safety. Product recalls can cost the manufacturer an enormous amount of time and money – if not their reputation. Even a minor contamination of a food product with lubricant, which cannot always be technically avoided, can have severe consequences.

Innumerable regulations have to be observed in the production of food: on hygiene, regarding the machines or the materials used. Maintenance technicians, production- and quality managers have to take all these regulations into account for the selection of lubricants.

As a global leader in speciality lubricants, Klüber Lubrication offers a comprehensive line of NSF H1 lubricants designed to meet the extreme demands of the bakery industry.

Reduce operating costs, increase profitability

The manufacturers of bakery products have to make the most of their production machinery, including maximum food safety, maximum production output, minimal costs, with minimum labour. These goals can be reached in several ways. One of the major contributors, however, is often disregarded: the choice of the right lubricants and how they are applied. Good lubrication management will have a tangible effect on the three biggest operating costs:

- **Labour** (time) – reduced due to longer maintenance intervals
- **Components** (spare parts) – reduced stock due to longer component life
- **Energy** – reduced consumption due to higher equipment efficiency

When choosing your speciality lubricant, you should consider more than just the actual purchasing costs. Speciality lubricants made by Klüber Lubrication help you to reduce labour cost, spare parts cost and energy consumption – a comprehensive solution for all your lubrication needs.

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your global specialist

Speciality lubricants for
the bakery industry.



Lubricants for the bakery industry



Machine	Lubrication point	Greases			Paste	Oils						Selection criteria where more than one product is recommended
		Klübersynth UH1 14-151	Klüberfood NH1 94-402	BARRIERTA L 55 Series	Klüberpaste UH1 96-402	Klüberfood NH1 CH 2-220 Plus	Klüberoil 4 UH1 N Series	Klüber Summit FG Series	Klüber Summit R Series	Klübersynth UH1 6 Series	Klüberfood NH1 C 8-80	
		Excellent wear and corrosion protection; extended relubrication intervals. Suitable for temperatures up to 120 °C	Good load-carrying capacity; good corrosion protection. Suitable for temperatures up to 160 °C	High thermal stability and extended lubrication intervals. Suitable for temperatures above 160 °C	Assembly aid; excellent corrosion protection; good for combinations stainless steel on stainless steel	High temperature; reduced oil consumption, noise, smoke, and residues; extended chain life	Good low temperature viscosity; high wear protection; good corrosion protection	Synthetic fluids for all friction points of air compressors used in the food-processing industry	Synthetic fluids for refrigeration compressors; high efficiency due to reduced oil deposits	Offers high wear protection; high load resistance and long life. Specially recommended for worm gearboxes	Excellent corrosion protection and low consumption rates	
Proofer	Chains											
Pita oven	Chains											
Rack oven	Chains											Temperature range
	Gears											
	Bearings											Temperature range
Spiral oven	Chains											
Serpentine oven	Bearings											Temperature range
Serpentine oven	Chains											
Tortilla oven	Chains											
Tunnel oven	Chains											
Wafer oven	Bearings											Temperature range
Chiller/freezer	Chains											
	Gears											Type of gearbox
	Bearings											
Other equipment	Hinges, screws (for assembly)											
	Air compressors											
	Refrigeration compressors											
	Electric motors											Temperature range
	Gearboxes											Type of gearbox
NSF registration		H1	H1	H1	H1	H1 in process	H1	H1	H1	H1	H1	

The recommendations given in this flyer should be used only for guidance. In order to choose the best lubrication solution, operating conditions and other parameters need to be considered. Above all, we recommend to consult our lubrication specialists for optimum product selection.