

Approvals and certification

Ensuring high quality standards through certification is crucial for the success and safety of any industrial bakery plant!

Approvals and certification

- NSF 3H and H1 Certified
- HALAL
- KOSHER
- ISO 21469
- ISO 9001
- ISO 14001

Did you know we have over 130 Food Grade certified products!



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Made in the
European Community



Products for the Bakery Industry

Lubricants for Bakeries



*The Right Lubricant
for the Right Application*



Product	Description
Foodmax® DDO	Food Grade high-performance vegetable-based dough divider oil. NSF 3H approved for direct contact with food (release agent).
Foodmax® Basic (15, 32, 68)	Food Grade dough divider oil. Based on Pharmaceutical white oil. NSF 3H approved for direct contact with food (release agent).
Foodmax® Chain HT-X	Food Grade high temperature chain oil (based on biodegradable ester), long fluid lifetime at high temperature (peak temperature 300 degrees). Low carbon formation and low oxidation.
Foodmax® Chain LT	Extreme low-temperature food grade chain oil, suitable for applications such as spiral freezers. (Metal-to-metal)
Foodmax® DCF 15	Specialized for plastic chain conveyors in spiral freezers. NSF 3H approved and suitable for low-temperature environments.
Foodmax® Multi Spray	Food Grade high-performance chain spray fortified with PTFE.
Foodmax® Grease CAS S series	Food grade high-performance calcium sulfonate grease based on a fully synthetic PAO base oil, with high resistance to high temperature and high pressure. (Increase the lifetime of the bearings and reduce the grease consumption)
Foodmax® Grease LT	Extreme low-temperature food grade grease, suitable for applications such as spiral freezers.
Foodmax® Gear PAO	Synthetic Food grade Gear oil, suitable for high and low-temperature applications, extending relubrication intervals.
Coolmax HTA (60)	Premium food grade ammonia compressor lubricants. Users will experience up to 80% less oil consumption compared to naphthenic products.
Foodmax® Freeze	Food grade heat/cold transfer fluid based on Polypropylene Glycols.
Foodmax® Air (PAO)	High-performance food grade compressor and vacuum pump lubricants.
Foodmax® BIO Air	Synthetic biodegradable food grade compressor and vacuum pump fluid. A combination of synthetic base fluids and specially engineered additive systems.



Industrial bakery products
Food grade oils, greases and cleaners



NSF approved
designed for high performance in extreme temperatures



Specialty Additives
extend the lifetime of bearings and reduce grease consumption



Industrial Bakery overview

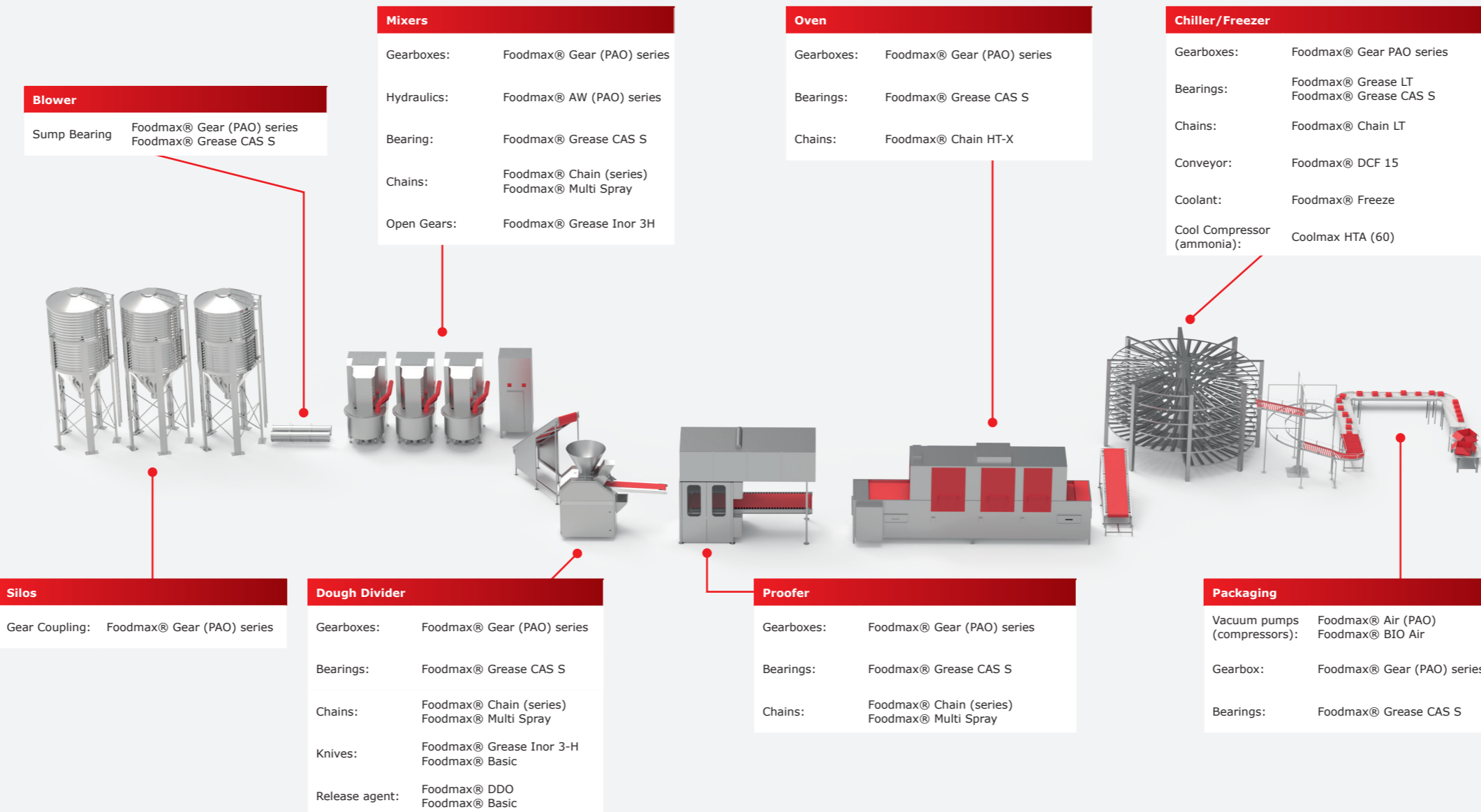


Food Industry Approved

The food processing industry requires lubricants that meet specific requirements, protocols, and performance expectations to prevent contamination of raw materials, in-process work, and finished products. Lubricant formulation engineers, marketers, plant lubrication engineers, and equipment designers face unique challenges to ensure that lubricants used in the industry do not negatively impact food safety. Lubricants used in the food processing industry must comply with regulations and standards that exceed those for typical industrial lubricants.

Matrix Specialty Lubricants has developed an extensive range of food grade lubricants which even outperform high-tech industrial lubricants and greases. We continue to develop and add new products to the existing extensive portfolio.

The Matrix Foodmax® range is NSF, Kosher and Halal approved.



Challenges and Solutions in bakeries

Challenge	Solution
Demand for the use of food grade lubricants (non-toxic) in the entire process	<i>Matrix Specialty Lubricants offers a complete Foodmax® (food grade) product range for the entire bakery industry.</i>
Cost saving	<i>Using Foodmax® products can increase the lifetime of lubricants 4 to 5 times longer compared to conventional lubricants, resulting in lower lubricant consumption.</i>
The demand for MOSH and MOAH-free products	<i>Foodmax® lubricants do not contain harmful MOSH and MOAH, eliminating MOSH & MOAH issues.</i>
Energy saving & lower carbon footprint	<i>By using Foodmax® products, you can reduce your carbon footprint and energy consumption due to our advanced technology.</i>
Rationalization of lubricants	<i>The higher performance of food-grade lubricants allows for rationalization, easier stock keeping (fewer SKUs), and eliminates the risk of mixing and unwanted contamination.</i>
Bearing failure (due to dust and moisture)	<i>Choosing the right grease can extend the bearing lifetime, even in challenging environments with dust and moisture.</i>

All products and production plant overview are indicative only, always contact your Matrix advisor!

