

Approvals and certification

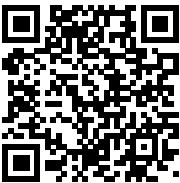
Ensuring high-quality standards through certification is essential for the safety and success of any meat processing facility!

Approvals and certification

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



Did you know we have over 150 Food Grade certified products!



Download our Food Grade brochure



The Right Lubricant
for the Right Application

Lubricants for the Meat Industry



Matrix Specialty Lubricants B.V.
Typograaf 16 - 6921 VB Duiven
The Netherlands

+31 (0) 316 740 850
info@matrix-lubricants.com
www.matrix-lubricants.com

Made in the
European Community

Products for the meat processing industry

Product	Description
Foodmax® Gear	Food-grade lubricant designed for gears, bearings, and transmissions, ensuring reliable performance and compliance with food industry standards.
Foodmax® Gear PAO	Synthetic food-grade gear oil formulated for high and low-temperature applications, extending relubrication intervals and enhancing equipment longevity.
Foodmax® AW	High-quality food-grade hydraulic oil formulated with highly refined base stocks and advanced additive technology to ensure optimal performance and protection.
Foodmax® AW PAO	High-performance synthetic food-grade hydraulic oil designed for extended service life, offering superior thermal stability and wear protection.
Foodmax® Grease CAS S	Fully synthetic PAO-based food-grade calcium sulfonate grease with high resistance to temperature and pressure, increasing bearing lifespan and reducing grease consumption.
Foodmax® Grease ALU M Natural	High-performance aluminum complex food-grade grease offering superior lubrication and water resistance, suitable for wet environments and free from titanium dioxide for enhanced safety and compliance.
Foodmax® Inor 3-H	NSF 3H-certified inorganic food-grade grease designed for direct contact applications, functioning as both a release agent and lubricant.
Foodmax® Inor 3-H #19	Sprayable NSF 3H-certified inorganic food-grade grease designed for direct contact applications, serving as a release agent and lubricant for enhanced versatility.
Foodmax® Chain	High-quality food-grade chain oil designed to ensure optimal lubrication and protection for chains in food processing environments.
Foodmax® Chain LT / LT-X	Extreme low-temperature food-grade chain oil, specifically formulated for applications such as spiral freezers, ensuring reliable lubrication in metal-to-metal contact conditions.
Foodmax® Air (PAO)	High-performance food-grade compressor and vacuum pump oil, offering superior wear protection and thermal stability for extended equipment life.

For product and approval information, please contact your Matrix advisor!



Gear & Bearing Lubrication
Protects gears and bearings,
extends equipment life



Hydraulic & Air System Lubrication
Ensures smooth operations
in extreme conditions



Food Safe Lubricants
NSF-approved greases for
safe, efficient use



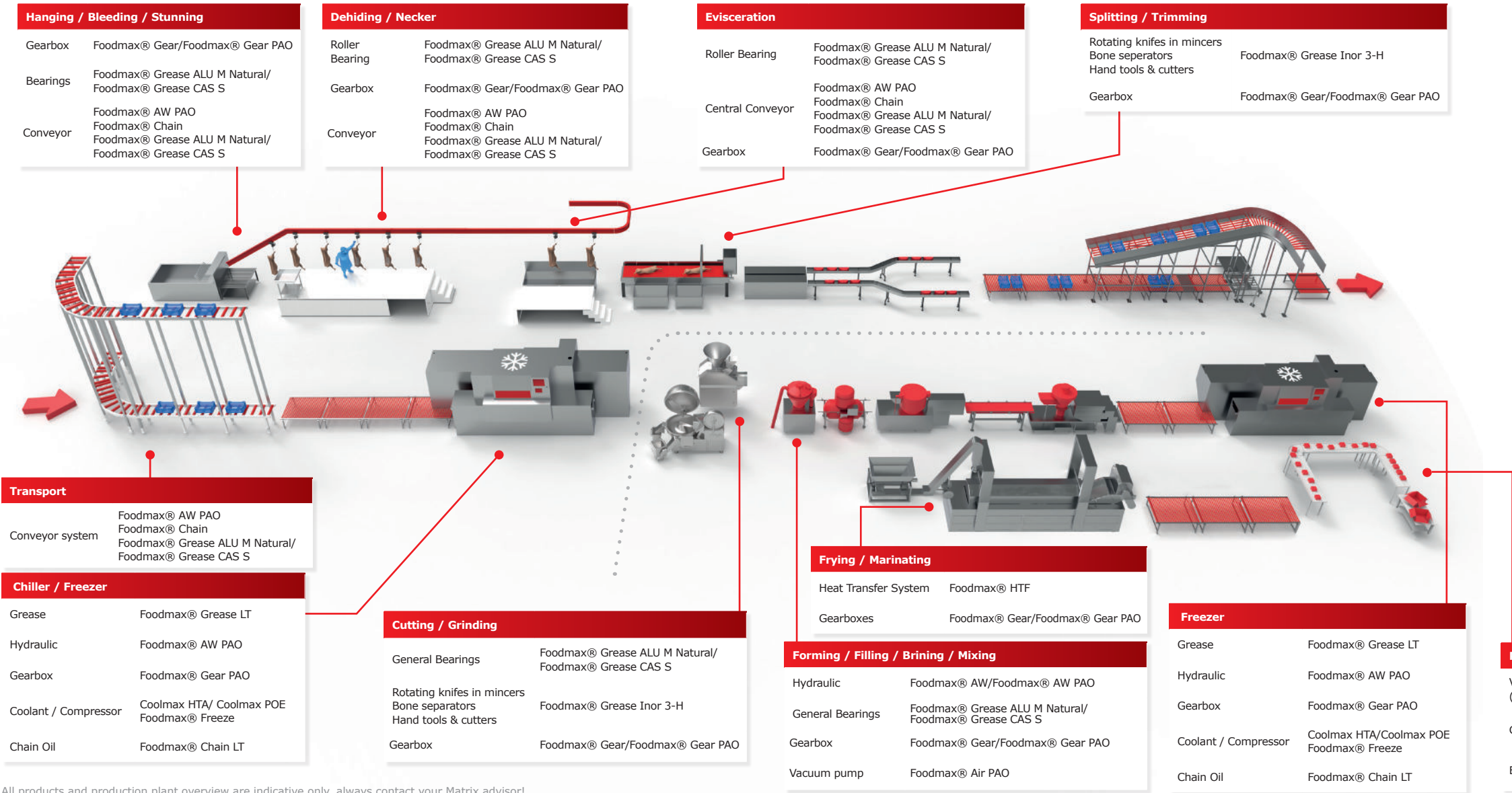
Food Industry Approved

The food processing industry requires lubricants that meet strict requirements, protocols, and performance standards to prevent contamination of raw materials, in-process products, and finished goods. Lubricant formulation engineers, marketers, plant lubrication engineers, and equipment designers face unique challenges in ensuring that lubricants used in this industry do not compromise food safety. These lubricants must comply with regulations and standards that are more stringent than 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.

Meat industry overview



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

Challenges and Solutions in meat processing facilities

Challenge	Solution
Demand for Food Grade Lubricants	The demand for using Food Grade Lubricants (non-toxic) spans the entire process. Matrix Specialty Lubricants offers a complete Foodmax® product range for the meat processing industry.
Cost Savings	Using Foodmax® products can increase the lifetime of lubricants by 4 to 5 times compared to conventional lubricants, resulting in lower lubricant consumption. Customers have experienced up to 75% less grease consumption.
Energy Savings & Lower Carbon Footprint	By using Foodmax® products, you lower the carbon footprint and energy consumption due to the advanced technology used in our Foodmax® products.
Demand for MOSH and MOAH Free Products	Foodmax® Lubricants do not contain harmful MOSH and MOAH, eliminating MOSH and MOAH issues.
Water and Steam Resistance	Water and steam can wash away lubricants and cause corrosion. Foodmax® products offer excellent water resistance and corrosion protection, ensuring machinery remains well-lubricated and protected in wet and steamy environments.
High-Pressure Cleaning	Foodmax® lubricants are specially formulated to withstand high-pressure cleaning, maintaining their effectiveness and protecting equipment even under rigorous sanitation processes.
Halal & Kosher Certification	Foodmax® products are KOSHER and HALAL approved.

