



# BAKING



JAX has remained the pioneer of high-technology food-processing and synthetic lubricants over the last five decades by understanding the rigorous applications and developing products to exceed industry needs. With over 200 NSF-registered products, JAX continues to lead the way in the development of new products for the food-processing industry.

**PROOFER CABINETS** • JAX Proofer Chain Oil (H1) offers superior corrosion protection and load carrying capabilities for proofer chain applications

**FLOUR DELIVERY** **POSITIVE DISPLACEMENT BLOWERS**  
• JAX Flow-Guard Synthetic Fluid ISO 150, 220, 320 (H1) are 100% PAO food-grade synthetic gear oils that offer superior performance in severe applications

**AIR LINE LUBRICATION**  
• JAX Magna-Plate 72 and 74 (H1), food-grade air line oils, contain antiwear additives and rust inhibitors to provide trouble-free operation of all air-operated equipment  
- In relatively "dry" systems, use JAX Magna-Plate 74 (containing select emulsifiers) to trap tramp moisture and exhaust it  
- In relatively "wet" systems, use JAX Magna-Plate 72 to ensure adequate lubrication and corrosion protection

**OVEN CHAINS & CONVEYOR/TRAY TUNNELS**  
• JAX Pyro-Kote Series or Pyro-Kote FG Series (H1) synthetic ester-based lubricants compounded to clean and provide deposit-free lubrication in high-temperature chain applications  
• JAX Magna-Plate 1200 or JAX Pyro-Plate EPN- 2 (H1) for high-temperature bearings  
• JAX Oven-Ice FG-2 (H1) or Halo-Guard FG-PM (H1) for high-temperature bearings that require food-grade lubrication

**SLICERS & DIVIDING** • JAX Food Grade Mold Release N-S (3H) approved for direct food contact

**RELEASE AGENTS**  
• JAX Food Grade Mold Release N-S (3H) for hard surfaces and bread pans  
• JAX DC Conveyor Release WB (3H) for wire mesh or plastic slat conveyors

**BEARINGS**  
• JAX Halo-Guard FG-2 (H1) for all incidental food-contact areas. Multi-purpose grease for high temperatures and speeds, water-resistant, excellent pumpability, good corrosion protection, great wear protection with EP properties  
• JAX Halo-Guard FG-PM (H1) for all incidental food-contact areas with high or shock-load applications  
• JAX Poly-Guard FG-2 (H1) for high-speed applications and electric motor bearings  
• JAX Magna-Plate 500 series (H2) for use in all areas with no chance of food contact

**MIXING EQUIPMENT** **GEARBOXES:**  
• JAX Magna-Plate FG Series (H1) partial synthetic gear oils  
• JAX Flow-Guard Synthetic Fluids (H1) 100% PAO-based gear oils  
• JAX Perma-Gear FG Synthetic Fluids (H1) 100% PAG-based gear oils for the toughest worm gear and shock-load applications (for use when there is no chance of water contamination)





## SPIRAL COOLERS & FREEZERS

### BEARINGS:

- JAX Halo-Guard FG-2 (H1) for general mixing equipment
- JAX Halo-Guard FG-PM (H1) for high or shock-load mixing equipment

### COOLERS:

- JAX Magna-Plate 460FG (H1) for worm gear drives
- JAX Magna-Plate 76 (H1) for guide lubrication

### FREEZERS:

- JAX Flow-Guard Synthetic Fluid ISO 150, 220, 320, 460 and 680 (H1) are 100% PAO food-grade synthetic EP gear oils that offer superior low-temperature performance
- JAX Magna-Plate 80, 86 and 88 (H1) extreme low-temperature chain oil series for all freezers with temperatures as low as -85°F (-65°C)
- JAX Magna-Plate 22 (H1) is an incidental food-contact grease with unsurpassed low-temperature performance with a pour point of -90°F (-68°C)

## GEARBOXES

- JAX FGG-AW ISO 150, 220, 320, and 460 (H1) are mineral-oil-based food-grade EP gear oils
- JAX Magna-Plate 220FG, 320FG, and 460FG (H1) are partial synthetic, high-performance food-grade EP gear oils for tougher applications
- JAX Flow-Guard Synthetic Fluid ISO 150, 220, 320, 460 and 680 (H1) are 100% PAO food-grade synthetic EP gear oils for severe applications
- JAX Perma-Gear FG ISO 150 and 220 (H1) are 100% PAG food-grade synthetic EP gear oils for severe applications

## AMMONIA REFRIGERATION SYSTEMS

- JAX Cryoguard Plus ISO 68 (H2) for all ammonia refrigeration systems
- JAX Syntec Ammonia Compressor Oil (H2) is a 100% synthetic extreme low-temperature ammonia refrigeration oil with a pour point of -54°F (-48°C)
- JAX Compresyn® NH3 (H1) is a partial synthetic, food-grade, Napthenic Compatible ammonia refrigeration compressor oil

## AIR COMPRESSORS

- COMPRESYN® 250 ISO 46 and 100 (H1) are semi-synthetic compressor and vacuum pump oils; performance features include low fluid volatility, enhanced water demulsibility and hydrolytic stability, improved sealing effect, reduction in friction and enhanced wear protection, and outstanding fluid dispersancy to eliminate "sludging" and deposit-forming tendencies
- COMPRESYN® 405 ISO 32, 46, 68, 100 and 150 (H1) or JAX Flow-Guard Synthetic Fluids ISO 32, 46, 68, 100 and 150 (H1) are 100% PAO food-grade synthetic compressor oil for single- and multi-stage rotary screw, vanes, centrifugal and reciprocating crankcases and cylinders, vacuum pumps and other compressor applications where an H1 product is required
- COMPRESYN® 545 ISO 46 and 100 (H1) compounded with a blend of next-generation, 100% food-grade synthetic base oils and advanced additive technologies to provide superior performance in reciprocating, rotary vane, and screw air compressors
- COMPRESYN® 550 ISO 32 and 46 (H1) are food-grade polyglycol/ester compressor oils formulated to provide superior performance and extended drain capabilities in rotary screw compressors while providing an H1 replacement for nonfood-grade polyglycol/ester compressor lubricants

## AUTOMATED LUBRICATION

XACT Fluid Solutions, a division of JAX, provides complete plant design and implementation of automated lubrication systems for all processing phases in the plant. For more information, visit [www.xactfluid.com](http://www.xactfluid.com).

