



# MEAT AND POULTRY

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.

## CRYOVAC® MACHINES 8200, 8300, 8610

- JAX Magna-Plate 78 (H1), JAX Magna-Plate 78 and JAX BDF Cling-Lube (H1) for platen chains
- JAX Magna-Plate 64 or JAX Magna-Plate 66 (H1) for central vacuum chamber

## AIR KNIVES & SAWS

- JAX Magna-Plate 8, JAX Halo-Guard FG-2 or FG-LT (H1) for high speeds and temperatures
- JAX Magna-Plate 74 or JAX Flow-Guard Synthetic Fluid ISO 32 (H1) for air line lubrication

## 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

## CHAIN LUBRICATION

- JAX Halo-Guard FG-LT (H1) for rails, beams and centralized grease systems
- JAX Magna-Plate 78 and JAX Premium A-P Pitter Oil (H1) for main chain lubrication in processing and slaughter plant areas, also for chains in the sales coolers. If an aerosol product is desired, use JAX Magna-Plate 78 (H1), JAX BDF Cling-Lube (H1) or JAX Magna-Plate 86 (H1)
- JAX Super-Cling Chain Lube w/PTFE (H2) for chains with no possibility of food contact. If an aerosol product is desired use JAX Heavy Duty Chain & Cable Lubricant (H2), JAX Chain Drive Pin & Bushing Lube (H2), JAX Power-Pen (H2) or JAX Protecto-Lube (H2)

## SHARPLES CENTRIFUGES

- JAX Halo-Guard FG-2 (H1) for grease requirements
- JAX Hydra-Plate Fluid ISO 320 (H2) for oil systems

## OVERHEAD TROLLEY SYSTEMS

- JAX Conveyor Glide – Heavy ISO 46, Medium ISO 32 or Light ISO 22 (H1)
- JAX Trolley-Glide FG-3H (3H) is a new high-performance, direct-contact trolley lubricant for plants that need a completely food-safe alternative





## BEARINGS

- JAX Halo-Guard FG-2 (H1) for all incidental food-contact areas. Multipurpose grease for high temperatures and speeds, water-resistant, excellent pumpability, good corrosion protection, great wear protection with EP properties
- JAX Halo-Guard FG-LT (H1) for all incidental food-contact areas. For saws and knives, edible centrifuges, and cold storage areas
- JAX Magna-Plate 500-0, 500-1, 500-2 (H2) for use in all areas with no chance of food contact
- JAX Poly-Plate EP-2 (H2) for high temperatures, high speeds and electric motor bearings [use JAX Poly-Guard FG-2 (H1) for incidental food-contact areas]

## VACUUM PUMPS

- Compresyn® 250 ISO 100 (H1) revolutionary semi-synthetic oil for most vacuum pumps. Drain intervals can likely be extended from current OEM fluid recommendations.

## ALKAR OVENS

- JAX Magna-Plate 66 (H1)
- JAX Proofer Chain Oil (H1) is excellent for chain lubrication and offers significantly better performance than any vegetable-based metalworking fluid commonly used in this application

## TRAY FORMERS

- JAX Dry-Glide Silicone (aerosol) (H1) to eliminate friction on the chutes, slides, and ways in box-folding machines

## HYDRAULIC SYSTEMS

- JAX FGH-AW ISO 32, 46, 68 and 100 (H1) for all incidental food-contact area applications under 2000 PSI
- JAX Magna-Plate 60, 62, 64 and 66 (H1) for all incidental food-contact area applications over 2000 PSI
- JAX Flow-Guard Synthetic Fluid ISO 32, 46, 68 and 100 (H1) for all incidental contact areas in severe applications
- JAX Premium Hydraulic Oil –Type Z (H2) for all severe condition areas such as Bone Cannon Hydraulic Systems
- JAX Premium Hydraulic Oil ISO 32, 46 and 68 (H2) for general hydraulic applications
- JAX Hydra-Plate Fluid ISO 32, 46, 68 (H2) for any “zinc-free” requirements
- JAX Pyro-Guard FG (H1) 46 fire-resistant, synthetic hydraulic fluid and circulating oil

## SPIRAL 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 blast 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 H-P Industrial Gear Oil ISO 220, 320 and 460 (H2) for all bevel, helical and worm-drive gearbox applications
- JAX Syngear Industrial Gear Oils (H2) 100% synthetic lubricants for extended product life and energy savings, and severe applications. Use JAX Flow-Guard Synthetic Fluids (H1) for severe applications in incidental food-contact areas
- JAX Super Cylinder Oil (H2) for rendering gearboxes and any application where an AGMA 7 or 8A compounded gear oil is required. Use JAX Cylinder Oil-FG (H1) for AGMA 8 requirement in incidental food-contact areas
- For all NSF H1 incidental food-contact applications:
  - 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

## K-PAK AND VEMAG EQUIPMENT

- JAX Premium A-P Peeler Oil ISO 46 and ISO 100 (H2) for K-Pak Gear Train Oil and vacuum pumps
- JAX Magna-Plate 78 (H1) for wire-feed oilers and double screw drives
- JAX FGH-AW ISO 46 (H1) for hydraulic drives
- JAX Halo-Guard FG-2 (H1) for feed-screw seals and drive mechanisms

## WEILER & WOLF KING GRINDING SYSTEMS

- JAX Magna-Plate 220FG (H1) for gearboxes
- JAX Halo-Guard FG-2 (H1) for bearings
- JAX PürGel (3H) for blade lubrication on startup
- JAX Grinder-Glide FG-3H on grinders

## FORMAX PATTY MACHINES

- JAX Perma-Gear FG ISO 220 (H1) for head oil
- JAX Magna-Plate 64 (H1) or JAX Premium Hydraulic Oil-Type Z (H2) for hydraulics
- JAX Halo-Guard FG-2 (H1) for bearings

## 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), so it can also be used as a barrier oil in low-temperature liquid ammonia pumps
- Compresyn® NH3 (H1) is a partial synthetic, food-grade, Napthenic Compatible ammonia refrigeration compressor oil



## AIR COMPRESSORS

- COMPRESYN® 250 ISO 46 and 100 (NSF 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 NSF 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

## WHITE OILS

- JAX White Mineral Oil 22, 46, 68 and 100 (H1, 3H) meet all FDA requirements for applications where incidental or direct food contact may occur. Kosher certified
- JAX Packer Oil 22 with Micronox® (H1) meets all FDA requirements for applications where incidental food contact may occur. Kosher certified.
- JAX T-Oil (3H) Pure USP White Mineral Oil is an aerosol product that meets all FDA requirements for a direct-contact release agent. Kosher certified

## 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).

