

# FRUIT AND VEGETABLE PROCESSING



*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.*

## SEAMING & FILLING

- JAX Halo-Guard FG-2 and FG-LT (H1) are the world's most advanced seamer/filler greases featuring state-of-the-art FDA-approved additives and proprietary base soap formulations
  - High-performance food-grade greases for simple plantwide use
  - Meets 21 CFR 178.3570

## ROTARY COOKERS & STEAM PEELERS

- JAX Magna-Plate 2000 (H2) for rotary cookers, steam peelers and micro-valve cookers
- JAX Magna-Plate 2100 (H2) for high-temperature rotary cookers to reduce copper corrosion and wear experienced by aluminized bronze wear strips in the valves
- JAX Magna-Plate 2000FG (H1) for rotary cookers and steam peelers

## FRUIT PEELERS

- JAX Magna-Plate 62, 64 and 66 (H1) are specifically designed for severe food-processing applications

## 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 large variations in operating temperatures
- 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

## HOMOGENIZERS

- JAX Magna-Plate 220FG (H1) for crankcases
- JAX Magna-Plate 66 (H1) for hydraulics

## CHAIN LUBRICATION

- JAX Halo-Guard FG-LT (H1) for rails, beams and centralized grease systems
- JAX Magna-Plate 78 (H1) and JAX Premium Pitter Oil (H1) for main chain lubrication. 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)



LUBRICATION RECOMMENDATIONS >> FRUIT AND VEGETABLE PROCESSING



## 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 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)

## GEARBOXES

- JAX H-P Industrial Gear Oil ISO 220, 320 and 460 (H2) for all bevel, helical and worm-drive gearbox applications (temperatures below 200°F)
- 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. 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 220 FG, 320 FG and 460 FG (H1) are partial synthetic, high-performance food-grade EP gear oils for tougher applications
  - JAX Flow-Guard Synthetic Fluids 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 worm gear and other severe applications

## 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)

## DE-PALLETIZERS AND PALLETIZERS

- JAX Halo-Guard FG-2 (H1) for bearings
- JAX Magna-Plate 220FG and 460FG (H1) for gearboxes
- JAX Magna-Plate 62 and 64 (H1) for hydraulics

## AIR COMPRESSORS

- Compresyn® 405 Series (H1) are food-grade, 100% synthetic PAO-based compressor/vacuum pump fluids with high temperature and extended drain capabilities
- Compresyn® 545 Series (H1) are patented, revolutionary FG-H1 100% Tri-Synthetic fluids for extended, long drain performance in compressor and vacuum pump applications
- Compresyn® 550 (H1) is a patent-pending, 100% synthetic food-grade PAG-ester air compressor fluid for simple, drop-in replacement of similar nonfood-grade type fluids. Meets 21 CFR 178.3570

## 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)

