



# MEAT INDUSTRY

JAX has been a pioneer in high-performance lubricants for the food industry since the 60s. Thanks to a thorough understanding of different machines and continuous innovation, JAX offers products that exceed industry requirements and will remain the leader in lubrication for the food industry. To date, more than 200 products from the JAX range are NSF approved.

## CRYOVAC® MACHINES 8200, 8300, 8610

- JAX Magna-Plate 78 (H1) or JAX BDF Cling-Lube (H1) for pallet chains
- JAX Magna-Plate 64 (H1) or JAX Magna-Plate 66 (H1) for vacuum chambers

## PNEUMATIC BLADES & SAWS

- JAX Magna-Plate 8 (H1), JAX Halo-Guard FG-2 (H1) or FG-LT (H1) for high speeds and/or high temperatures
- JAX Magna-Plate 74 (H1) or JAX Flow-Guard Synthetic ISO 32 (H1) for lubricating airways

## AIRWAY LUBRICATION

- For JAX Magna-Plate 72 (H1) and 74 (H1) lubricant oils contain, amongst others, anti-wear and anti-corrosion additives to ensure pneumatic equipment operates smoothly
- JAX Magna-Plate 74 is used in systems where traces of water might be found
- JAX Magna-Plate 72 must be used in systems operating with water

## CHAIN LUBRICATION

- JAX Halo-Guard FG-LT (H1) for rails and centralised greasing systems
- JAX Magna-Plate 78 (H1) and JAX Premium A-P Pitter Oil (H1) for greasing the main chain in abattoirs and chains in cold chambers.
- If a spray is recommended, JAX Magna-Plate 78 (H1), JAX BDF Cling-Lube (H1) or JAX Magna-Plate 86 (H1) can be used.
- For chains without the possibility of food contact: JAX Super-Cling Chain Lube with PTFE (H2). There are several spray solutions: JAX Heavy Duty Chain & Cable Lubricant (H2), JAX Chain Drive Pin & Bushing Lube (H2), JAX Power-Pen (H2) or JAX Protecto-Lube (H2)

## SHARPLES CENTRIFUGE

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

## OVERHEAD CONVEYORS

- JAX Conveyor Glide (H1) – Heavy ISO 46, Medium ISO 32 or Light ISO 22
- JAX Trolley-Glide FG-3H (3H) a high-performance lubricating oil for maximum product safety thanks to the 3H approval that tolerates direct contact with food.





## BEARINGS

- JAX Halo-Guard FG-2 (H1) wherever an "incidental contact" lubricant is required. A multi-purpose grease for high temperatures, high speeds, offering water resistance, excellent pumpability, unique corrosion protection and strong wear protection, as well as EP features.
- JAX Halo-Guard FG-LT (H1) wherever an "incidental contact" lubricant is required. Specially for saws and blades, centrifuges and cold storage spaces.
- JAX Magna-Plate 500-0, 500-1, 500-2 (H2) for use without the possibility of contact with food.
- JAX Poly-Plate EP-2 (H2) for high temperatures, high speeds and electric motor bearings
- JAX Poly-Guard FG-2 (H1) if an H1 food-grade grease is needed

## VACUUM PUMPS

- Compresyn® 250 ISO 100 (H1) new semi-synthetic oil for most vacuum pumps. Draining intervals can be longer compared to manufacturer-recommended oils.

## ALKAR OVEN

- JAX Magna-Plate 66 (H1)
- JAX Proofer Chain Oil (H1) excellent performance for lubricating chains, particularly compared to standard plant oils
- JAX Poly-Guard FG-2 (H1) or JAX Halo-Guard FG2 (H1) for greasing bearing

## TRAY FORMER

- JAX Dry-Glide Silicone (spray) (H1) to eliminate friction on all sliding surfaces in cardboard folding machines

## HYDRAULIC SYSTEMS

- JAX FGH-AW ISO 32, 46, 68 and 100 (H1) if an "incidental contact" lubricant is required and system pressure is below 140 bar (2000 PSI)
- JAX Magna-Plate 60, 62, 64 and 66 (H1) if an "incidental contact" lubricant is required and system pressure is above 140 bar (2000 PSI)
- JAX Flow-Guard Synthetic Fluid ISO 32, 46, 68 and 100 (H1) for incidental contact areas in harsh conditions
- JAX Premium Hydraulic Oil –Type Z (H2) for harsh environments like 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) if zinc-free oils are needed
- JAX Pyro-Guard FG 46 (H1) special low-flammability synthetic food-grade oil for hydraulic and oil circulation systems

## SPIRAL FREEZER/ DEEP FREEZER

- JAX Flow-Guard Synthetic ISO 150, 220, 320, 460 and 680 (H1) are 100% synthetic food-grade EP lubricating oils with excellent performance at low temperature
- JAX Magna-Plate 80, 86 and 88 (H1) a range of chain/conveyor food-grade lubricant oils for extremely low temperatures (down to -65°C (-85°F))
- JAX Magna-Plate 22 (H1) a special low-temperature food-grade grease ( $\geq -50^{\circ}\text{C}/122^{\circ}\text{F}$ ) for incidental contact with food





## GEARS/GEAR UNITS

- JAX H-P Industrial Gear Oil ISO 220, 320 and 460 (H2) for bevel and helical gears and worm gear units
- JAX Syngear Industrial Gear Oils (H2) 100% synthetic lubricants for harsh environments, long service life and reduced energy consumption
- For harsh "incidental contact" applications JAX Flow-Guard Synthetic series (H1)
- JAX Super Cylinder Oil (H2) for gear units in rendering plants and any other application that requires an AGMA 7 or 8A oil. Use JAX Cylinder Oil-FG (H1) if an AGMA 8 food-grade oil must be used.
- For all NSF H1 incidental contact applications:
  - JAX FGG-AW ISO 150, 220, 320 and 460 (H1) EP lubricant fluids for mineral oil-based gear units (H1 food quality)
  - JAX Magna-Plate 220FG, 320FG and 460FG (H1) semi-synthetic high performance (EP) food-grade oils for gear units in difficult conditions
  - JAX Flow-Guard Synthetic ISO 150, 220, 320, 460 and 680 (H1) are 100% synthetic (PAO) food-grade oils for gear units in extremely difficult conditions
  - JAX Perma-Gear FG ISO 150 and 220 (H1) are 100% synthetic (PAG) food-grade oils for gear units in extremely difficult conditions

## K-PAK & VEMAG MACHINES

- JAX Premium A-P Peeler Oil ISO 46 and ISO 100 (H2) for K-Pak gear unit and vacuum pump oil
- JAX Magna-Plate 78 (H1) for the wire feeder oiler and double-screw drive system
- JAX FGH-AW ISO 46 (H1) for the hydraulic drive unit
- JAX Halo-Guard FG-2 (H1) for feed screw and drive mechanism sealing

## WEILER & WOLF KING GRINDERS

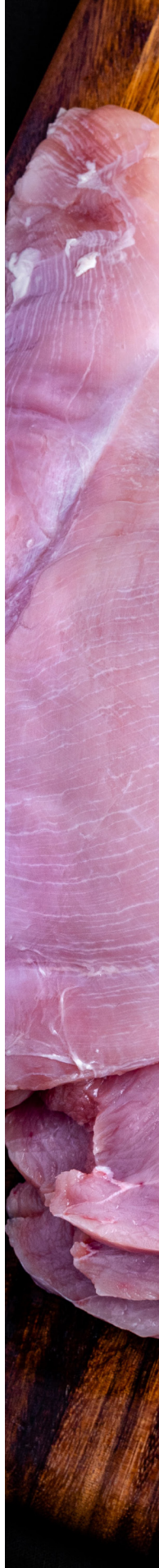
- JAX Magna-Plate 220FG (H1) for gear units
- JAX Halo-Guard FG-2 (H1) for bearings
- JAX PürGel Klear (3H) for greasing plates on machine start-up
- JAX Grinder-Glide FG-3H protective start-up oil

## FORMAX PATTY MACHINES

- JAX Perma-Gear FG ISO 220 (H1) for main gearbox
- JAX Magna-Plate 64 (H1) or JAX Premium Hydraulic Oil-Type Z (H2) for hydraulic systems
- JAX Halo-Guard FG-2 (H1) for bearing

## AMMONIAC CHILLING SYSTEMS

- COMPRESYN® 250 ISO 46 and 100 (NSF H1) are semi-synthetic oils for air compressors and vacuum pumps. These oils are characterised by low volatility, enhanced demulsibility, excellent resistance against hydrolytic degradation, strong "detergent" power which avoids sludging and deposit forming and, of course, offers superior lubricant film hold and strong wear protection
- COMPRESYN® 405 ISO 32, 46, 68, 100 and 150 (H1) or JAX Flow-Guard Synthetic series ISO 32, 46, 68, 100 and 150 (H1) are 100% synthetic (PAO) food-grade oils for one and multi-stage air compressors, screw, vane and piston compressors, centrifugal and gear compressors, vacuum pumps and all other compressor applications requiring NSF H1 lubricant.
- COMPRESYN® 545 ISO 46 and 100 (H1) the latest generation of food-grade oils, specially made of a mix of 100% synthetic fluids and based on the most recent additive technology for maximum optimisation of your screw, vane and piston air compressors.
- COMPRESYN® 550 ISO 32 and 46 (H1) are polyglycol/ester food-grade oils for screw air compressors that replace polyglycol/ester-based non-food-grade oils with longer draining intervals and are more reliable and effective than current products







## AIR COMPRESSORS

- COMPRESYN® 250 ISO 46 and 100 (H1) are semi-synthetic oils for air compressors and vacuum pumps. These oils are characterised by low volatility, enhanced demulsibility, excellent resistance against hydrolytic degradation, strong "detergent" power which avoids sludging and deposit forming and, of course, offers superior lubricant film hold and strong wear protection
- COMPRESYN® 405 ISO 32, 46, 68, 100 and 150 (H1) or JAX Flow-Guard Synthetic series ISO 32, 46, 68, 100 and 150 (H1) are 100% synthetic (PAO) food-grade oils for one and multi-stage air compressors, screw, vane and piston compressors, centrifugal and gear compressors, vacuum pumps and all other compressor applications requiring NSF H1 lubricant
- COMPRESYN® 545 ISO 46 and 100 (H1) the latest generation of food-grade oils, specially made of a mix of 100% synthetic fluids and based on the most recent additive technology for maximum optimisation of your screw, vane and piston air compressors
- COMPRESYN® 550 ISO 32 and 46 (H1) are polyglycol/ester food-grade oils for screw air compressors that replace polyglycol/ester-based non-food-grade oils with longer draining intervals and are more reliable and effective than current products

## K-PAK & VEMAG MACHINES

- JAX White Mineral Oil 22, 46, 68 and 100 (H1, 3H) meet FDA requirements for applications where incidental or direct contact is tolerated and they are Casher certified.
- JAX Packer Oil 22 with Micronox® (H1) meets FDA requirements for applications where incidental contact with food is possible and is Casher certified.
- JAX T-Oil (3H) is a USP (US pharmacopoeia) white oil aerosol that meets FDA standards for direct contact with food and is Casher certified.

## AUTOMATIC LUBRICATION

XACT Fluid Solutions, a JAX INC. division, offers automatic lubrication solutions for the entire factory. For more information, please visit the XACT website : [www.xactfluid.com](http://www.xactfluid.com).

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