



# DAIRY



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.

<b>HYDRAULIC SYSTEMS</b>	<ul style="list-style-type: none"><li>• JAX FGH-AW Hydraulic Oils (H1) for all incidental food-contact area applications under 2000 PSI</li><li>• JAX Magna-Plate 60 Series Oils (H1) for all incidental food-contact area applications over 2000 PSI</li></ul>
<b>SEPARATORS</b>	<ul style="list-style-type: none"><li>• JAX Magna-Plate FG Series (H1) partial synthetic gear oils</li></ul>
<b>HOMOGENIZERS</b>	<ul style="list-style-type: none"><li>• JAX Magna-Plate 78 (H1) or JAX Magna-Plate 220FG (H1) for the crankcase side provide excellent performance under these high-temperature and high-pressure conditions.</li><li>• JAX Magna-Plate 60 Series Oils (H1) for the hydraulic side</li></ul>
<b>BEARINGS</b>	<ul style="list-style-type: none"><li>• 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</li><li>• JAX Poly-Guard FG-2 (H1) for high-speed applications and electric motor bearings</li></ul>
<b>AIR LINE LUBRICATION</b>	<ul style="list-style-type: none"><li>• JAX Magna-Plate 72 &amp; 74 (H1) food-grade air line oils contain antiwear additives and rust inhibitors to provide trouble-free operation of all air-operated equipment<ul style="list-style-type: none"><li>- In relatively “dry” systems, use JAX Magna-Plate 74 (containing select emulsifiers) to trap tramp moisture and exhaust it</li><li>- In relatively “wet” systems, use JAX Magna-Plate 72 to ensure adequate lubrication and corrosion protection</li></ul></li></ul>
<b>GEARBOXES</b>	<ul style="list-style-type: none"><li>• JAX Magna-Plate FG ISO Series (H1) partial-synthetic gear oils</li><li>• JAX Flow-Guard Synthetic Fluids (H1) 100% PAO-based gear oils</li></ul>
<b>BOTTLE &amp; CAN FILLERS</b>	<ul style="list-style-type: none"><li>• JAX Halo-Guard FG-2 (H1) or JAX Magna-Plate 44-2 (H1) for all manually-greased bearings in incidental food-contact areas.</li><li>• JAX Halo-Guard FG-LT (H1) or JAX Magna-Plate 44-0 (NSF H1) for automated greasing systems</li><li>• JAX Pyro-Plate TFS (H1) on fillers that use EPDM seals</li><li>• JAX Magna-Plate 60 Series Oils (H1) on stirrups/lifters</li></ul>
<b>CAN SEAMERS</b>	<ul style="list-style-type: none"><li>• JAX Halo-Guard FG-LT (H1) or Magna-Plate 44-0 (H1) for seamers primarily lubricated by a centralized grease system or on manually-lubricated seaming roll bearings</li><li>• JAX Magna-Plate 78 (H1) for oil-lubricated seamers utilizing a one-pass system</li><li>• JAX Angel-Guard D Fluid (H1) for oil-lubricated seamers utilizing a recirculating system</li><li>• JAX Halo Guard FG-2 (H1) or JAX Magna-Plate 44-2 (H1) for all manually-greased bearings in incidental food-contact areas</li></ul>



**BOTTLE CAPPERS & CROWNERS**

- JAX Halo-Guard FG-2 (H1) or JAX Magna-Plate 44-2 (H1) for all manually-greased bearings in incidental food-contact areas
- JAX Halo-Guard FG-LT (H1) or JAX Magna-Plate 44-0 (H1) for automated greasing systems
- JAX Magna-Plate FG ISO Series (H1) partial-synthetic gear oils

**GLACIER NOVELTY BAR MACHINES**

- JAX Flow-Guard Synthetic Fluids (H1) are 100% PAO food-grade synthetic 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 base oil pour point of -90°F (-86°C)

**PLASTIC BOTTLE BLOW-MOLDING**

- JAX Magna-Plate 60 Series (H1) mineral oil-based hydraulic oils
- JAX Flow-Guard Synthetic Fluids (H1) are 100% PAO food-grade synthetic oils

**PMC PACKAGING MACHINES**

- JAX Magna-Plate FG ISO Series (H1) partial-synthetic gear oils
- JAX Paper Cup Curl Oil (3H) for the process of rolling down the edges of the cups

**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 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

**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).

