

Supplier Profiles

Special Advertising Section

Behnke/JAX

Since 1955, JAX has been a technology leader in lubricant formulation with a special, focused emphasis on food and beverage plant lubrication. JAX has developed nearly 150 new products for a diverse group of food-processing environments, and for wide-ranging OEM specific processing equipment. JAX worldwide end users range from bakeries to canneries, meat packers to breweries, poultry processors to soft drink plants, freezing plants to dairies, and dozens more using JAX food-grade and food-processing lubricants.



JAX latest research breakthrough is our exclusive Micronox® technology; proprietary chemistry that provides exceptional "knockdown" of the microbial colonies in JAX lubricants in addition to traditional "biostatic" colony growth inhibition. This advanced technology is now being incorporated into JAX FG rated lubes.

Independently engineered and field tested by JAX and several customer research partners, Micronox® technology is a groundbreaking advance in our food and beverage plant lubricants. Micronox® supplies immediate and significant microbial knockdown capabilities, to JAX lubricants enhancing food or beverage plant QC or HACCP programs by protecting the lubricants.

JAX Poly-Guard FG and Halo-Guard FG Series greases are high performance, plant-wide, food grade greases with PTFE and enhanced anti-wear performance. Available in grades for both hand greased and automated centralized greased applications.

JAX Magna-Plate 72 and 74 food grade air line lubricants provide rust and anti-wear protection along with Micronox® technology to help keep the lubricants in plant air systems and equipment running smoothly and 'bug' free.



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Bepex International

Bepex International, headquartered at 333 Taft St. NE, Minneapolis, MN, is a global, single-source provider of integrated powder and particle processing systems for most every unit operation. Our process development and testing capabilities along with our problem solving expertise continue to be a value-added feature for our customers and one of our core strengths.



Our Bepex Technical Center in Minneapolis consists of a 25,000 square foot facility and features these specialized areas: a physically isolated sanitary food processing bay; an explosion-proof thermal processing bay and polymer pilot plant (PolyQuest®) and an all purpose explosion-proof powder processing bay. All three have separate entries and conference facilities.

The Technical Center consists of demonstration equipment and over 20 separate pilot systems which can be configured in many different arrangements for treatment of a broad range of materials. This unique facility offers a full range of process solutions including agglomeration/compaction; thermal processing/drying/cooling; desolvation/stripping/chemical reactors; size reduction; mixing/blending; liquid/solid separation; classifying; particle fabrication; coating; polymer crystallization/polymerization; chemical conversion under vacuum or in saturated/superheated steam atmosphere and hydration.

A special Bench Test Lab is provided to evaluate feasibility of different unit operations and process ability of the test material. Three analytical labs equipped with a wide variety of test equipment provides analysis for our test programs.

Whether you are looking for process development, de-bottlenecking, optimization or have application challenges, Bepex International has the expertise to meet your needs.

Bepex
Particle Processing Technology



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