

# XACT FLUID SOLUTIONS AUTOMATIC LUBRICATION SYSTEMS



XACT Fluid Solutions division was created to support the needs of clients for automated lubrication and good lubrication practices. The finest lubricant can only perform at optimal levels if applied properly to the application. XACT strives to provide innovative, flexible, and reliable packaged solutions for new and existing JAX customers. This list shows some of our successful applications since August of 2004.

## OVERHEAD CHAIN LUBRICATION: Oil and Grease

### Overhead Chains:

Beef (X-458), Pork (X-348), Poultry (X-348), Paint (Enclosed Track), Engineered (Rexnord, Hitachi, etc.)

XACT provides many different solutions, most Sniper-based.

### Benefits include:

- Pinpoint lubrication on trolley rolling elements
- Light coating on any corrosive chain surfaces
- No dripping (product contamination, black rain, fisheyes)

## CONVEYOR CHAIN LUBRICATION: Oil Spray and Drip

Conveyor chains require light lubrication due to sliding action and mating with gear drive systems. Typically, a brush application will suffice for extended chain life. Many simple gravity feed systems are available.

For more complex applications, XACT has positive displacement pumps which feed precision nozzles. Nozzles can either "air-brush" the chain surface or pinpoint the pin/roller and link/link interaction points. Depending on chain size, pitch, and speed, XACT will make a recommendation to extend chain life.

## OVEN CHAIN LUBRICATION: Pyro-Kote 68 or 220

Experience in commercial bakeries has shown that our Sniper-based package in conjunction with Pyro-Kote 68 is a great alternative to graphite lubrication.

### Keys to successful conversion:

- Dry ice blasting (CO<sub>2</sub>) of chain prior to switch
- Apply small amounts of lubricant every 80 min. or less

### Benefits include:

- Addresses "Z-bar" on tunnel ovens
- Annual usage from one to three drums of Pyro-Kote
- Synthetic lubricant requires no bi-annual oven cleaning
- Oven does not require cool-down for lubricant application
- Oven remains clean to perform additional maintenance

## AUTOMATIC GREASE LUBRICATION

### Single point grease units:

- Address hard-to-access bearing points
- Supply up to 350 psi at temperatures down to -40°F
- Remote plumb with tubing for easy monitoring
- Set unit for 1, 3 or 6 month periods
- More consistent than manual gun lubrication

### Multi-point grease units:

- Any number of points
- Automatic metered
- Specific intervals, from engineered systems

## INDUSTRIAL LUBRICATION SOLUTIONS

- Steel process cooling bed lubrication systems
- Air-handling grease lubrication systems
- Moly lubricant-agitated dispensing systems
- Off-highway equipment grease lubrication
- Magnetic base modular lubrication packages
- Paper mill bushing lubrication
- Aggregate mixer chain lubrication
- Engine pre-lubrication system
- Battery-powered, solar-recharged dosing pump
- Custom spray wands for trial applications
- Assembly and fill production equipment

## LUBRICANT SAFE STORAGE SOLUTIONS

- Tote-a-Lube stackable containment
- Drum pallets and secondary containment
- Oil Safe® transfer for containers
- Oil analysis sampling valves
- Conveyor brushes
- Dry ice blasting services
- JAX Lube-Guard program



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