



CHEMCO OVERWATCH

ACCUTRAX

AccuTRAX is a precision-engineered solution for dairy and beverage processing plants, designed to optimize conveyor lubricant applications. It intelligently controls, monitors, and records lubricant and water usage, ensuring consistent lubricity, cleanliness, and microbiological control. Integrated pressure sensors and proximity switches detect nozzle performance and conveyor integrity, while motor amperage tracking provides insights into mechanical efficiency. Automated dispensing activates only when conveyors are in motion, conserving resources and enhancing safety. Built on the same reliable PLC platform as other OverWatch systems, AccuTRAX delivers seamless integration and robust performance.

CAPABILITIES & BENEFITS

- Control, monitor and record make up water if diluting conveyor lube.
- Control, monitor and record conveyor lube usage.
- Pressure sensors to monitor and record line pressure to nozzles to determine if nozzles are plugged and working effectively.
- Proximity switch to count sprocket rotations and determine if any slipping or conveyor linkage has disengaged.
- Motor amperage monitoring and recording to determine chain/conveyor, bearings, gearbox, and motor efficiency.
- Automated controls to dispense and apply conveyor lube product when necessary.
- Nozzles only turn on if conveyor is running and shut off when conveyor turns off.
- Same PLC and controls features as other OverWatch systems.



CONCENTRATED OR DILUTED PRODUCTS



Conveyor lube usage and monitoring for inventory control



Make water and conveyor lube usage and monitoring

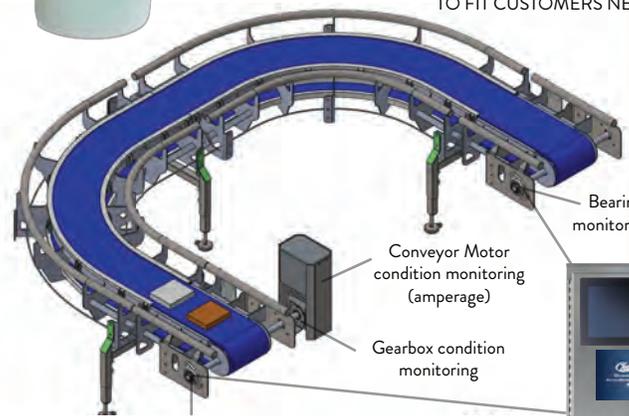


Actuator control

Pressure to determine if nozzles are plugged



PLC WITH HMI WITH CUSTOMIZATION TO FIT CUSTOMERS NEEDS



Proximity switch to determine conveyor revolutions

Conveyor Motor condition monitoring (amperage)

Gearbox condition monitoring

Bearing condition monitoring (vibration)



Include the **Accu-Spense IMS** unit which is a microprocessor-controlled allocation system that records critical chemical usage data for Sanitation Program Control and Inventory Control purposes.