



JD Machinery Sales and Service Inc

Project support capabilities

Our group recently finished a cap conversion project for a major client. This project involved caps from two different suppliers. These caps were made with different processes and had unique application properties. New after market hysteresis headsets were installed on each machine by our group. The project involved working as a third party resource in several dozen facilities to resolve cap application problems. This involved review of the containers, capper headsets, cap chucks, container handling parts and their set up and over-all machine maintenance. When required we assisted the plants on full machine rebuilds.

The following is a summary of the services provided and work accomplished for our client on this project.

- Interface with the cap and bottle suppliers
- Record differences between closures application on various caps and bottles and the relationship to machine capability
- Identify variations in bottle neck diameter from print and recommend anti-rotation knife modifications to properly center the bottle for application.
- Collect and analyze torque application data to optimize machine speeds, headset torque and top load settings
- Work with headset supplier to get proper top load based on top load compression available on the new closure
- Work with the various bottle control parts suppliers to optimize parts design
- Identify capper cam profile and spindle speed issues and work with the parties involved to perfect and install new cams on capper turrets
- Train plant maintenance and quality control staffs on proper machine and headset set up
- Provide written SOP for plant staff

By providing service support across the system for the complete project we were able to bring the experience gain in each location forward to the next plant for their install and conversion. All plants have met the required performance standards for cap application.

Our staff is very experienced and capable on multiple machines including Alcoa, Zalkin and Arol turrets. Markets include carbonated products, water and hot fill.

By combining our service groups outstanding capabilities with our capper headsets from Magnetic Technologies and capper chucks from FBN Sales we bring multiple key resources in under a single point of contact and responsibility.

Let us discuss how we can support your group.