DryExx PRO Provides Opportunity to Conserve Water, Reduce Costs & Improve Conveyor Line Cleanliness

**CHALLENGE**
A bottled water facility in Southern California desired to reduce their water usage and approached Ecolab to assist in this effort. The plant had previously tried dry lubrication for their conveyor lines, but were not satisfied with the performance, and wanted a product that could be used 'wet' or dry. Additionally, the customer was experiencing issues with microbial growth in their wet lube distribution lines, requiring frequent cleaning of the header system.

**SOLUTION**
The plant partnered with Ecolab, who recommended the use of DryExx™ PRO, a versatile conveyor lubricant that is designed to be diluted with water and sprayed frequently, or sprayed undiluted infrequently. It can be used wet when required and dry when desired. The product trial was conducted by first converting the lines to DryExx PRO in wet mode with favorable results. The lines were then converted to DryExx PRO as a dry lubricant as the customer became more comfortable with the new product and the dry lubrication met their performance criteria. The QA Manager was impressed that the dry-lubricated lines were visibly cleaner and even smelled cleaner. Eventually, all lines were converted to DryExx PRO, and the customer was able to avoid using water for conveyor lubrication.

**RESULTS**

**USING DRYEXX PRO AS A DRY LUBRICANT ELIMINATED WATER FROM THE CONVEYOR LUBRICATION PROCESS:**
- Eliminated water that was a source of microbial growth in the lubricant distribution system and eliminated need to regularly clean the header system.
- Will allow the customer to conserve 1.5 Million gallons of water annually.
- Dry lubrication results in drier production floors, which helps reduce the potential for worker slips and falls.

**CONCLUSION**
DryExx PRO conveyor lubricant provided a bottled water customer in a drought-stricken area the ability to conserve water, reduce their water costs*, improve the cleanliness of their conveyor lines and help decrease their worker safety risk with dry production floors.

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<thead>
<tr>
<th><strong>CUSTOMER IMPACT</strong></th>
<th><strong>ANNUAL ECONOMIC IMPACT</strong></th>
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<tbody>
<tr>
<td>Conserves 1,500,000 gallons of water annually</td>
<td>Saves $10,500 of water costs at $7/1000 gallons*</td>
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<td>Improved conveyor line cleanliness</td>
<td>Saves time - eliminated need to frequently clean header system</td>
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<td>Drier production floors</td>
<td>Reduced potential for worker slips and falls at average of $4500 per incident</td>
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*eROI is our exponential value: the combined outcomes of improved performance, reduced costs and sustainable impact delivered through our services and programs.*