

### Shampoo and Lotions

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Waukesha  
Cherry-Burrell®

#### Pump:

Waukesha Cherry Burrell - Model 220 [Universal Twin Screw Series](#)

#### Industry:

Personal Care

#### Problem:

A global manufacturer of personal care products was looking to streamline their process. Their original production line included a progressive cavity (PC) pump to transfer product and a separate centrifugal pump, multiple valves, and process controls to handle CIP. The PC pump also required a high amount of maintenance due to the continuous rubbing of the rotor and stator. The labor intensive maintenance process required removal of a 6-foot-long, 300-lb rotor.

#### Solution:

The customer partnered with SPX FLOW to install the WCB model UTS-220 pump.

The Twin Screw pump not only provided sufficient flow at the low inlet pressures and high differential pressures required to replace the original PC pump, but it was also able to handle the CIP process. The UTS pump operated at lower speeds (200-500 RPM) for the process condition and higher speeds for the CIP duty conditions, thus eliminating the CIP supply pump, valves, and associated controls.

With the PC pump replaced, the customer saved additional aftermarket expenses and drastically reduced maintenance labor in the facility.

To learn more about the Waukesha Twin Screw Pump, [click here](#) to see the animation.

