

SPXFLOW

Pumps in Action

Fruit Filling

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Waukesha
Cherry-Burrell®

Pump:

Waukesha Cherry Burrell Brand - [Model 060 Universal 1 Series](#)

Industry:

Fruit Filling Production

Problem:

Pump product without damaging fruit pieces

Solution:

The customer needed to transfer cherry and strawberry fruit filling at 110°F with a viscosity of approximately 50,000 cps from the cooking kettle through a scraped surface heat exchanger to a filler.



A [model U1](#)-060 pump was selected to handle this product due to the pump's gentle handling of the fruit particles. The External Circumferential Piston (ECP) style rotors provided large cavities to protect the product during pumping and the rugged construction of the U1 design allowed the pump to handle the viscous product. The pump is dismantled daily and hand-cleaned, so the availability of simple, economical single O-ring shaft seals was a key feature when compared to more expensive and sensitive mechanical seals offered on competitor pumps.

Since installation the pump has experienced no operational problems and minimal maintenance requiring only the replacement of the O-Ring seals.

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