

Sweeteners and Bulk Food Transport

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Waukesha
Cherry-Burrell®

Pump:

Waukesha Cherry Burrell Brand - [Model 130 Universal 1 Series](#)

Industry:

Sweeteners and Bulk Food Transport

Problem:

Rotor timing and shaft failures on lobe style pumps

Solution:

After repetitive rotor timing and shaft seal failures on lobe style sanitary pumps, a Midwest transport company specializing in hauling liquid sugars, corn syrups, sweeteners, and citrus concentrates converted to Waukesha Brand Model 130 [Universal 1 Series rotary pumps](#).

The [External Circumferential Piston \(“ECP”\) style rotors](#)

with larger crossover clearances and higher efficiencies were able to stand up to the high starting torques delivered by the truck’s power-take-off transmission and eliminate their pumping problems. The availability of the pump’s simple, economical single O-ring shaft seals provided a good alternative to the more expensive and sensitive mechanical seals offered on the competitive pumps.

These features, along with the internal by-pass relief cover, resulted in trouble-free operation of the Model 130 pump.

