

WILDEN PRO-FLO SHIFT TECHNOLOGY IMPROVES EFFICIENCY FOR AUTO PARTS MANUFACTURER

THE CHALLENGE

An Auto Parts Manufacturer in Southern Ontario was experiencing an issue with their existing Air Operated Double Diaphragm (AODD) pumps. The pumps were in use in a number of applications, including lube, oil and waste pumping.

The problem was the nitrile rubber (Buna-N) wetted parts in the existing pumps couldn't withstand the wear and tear of the applications and were not the best fit. As a result, they were having to repair the existing pumps often—having a significant negative impact on their operations and increasing parts and maintenance costs. They needed a new solution that could handle the workload requirements better and wouldn't need replacements so quickly and often.

THE SOLUTION

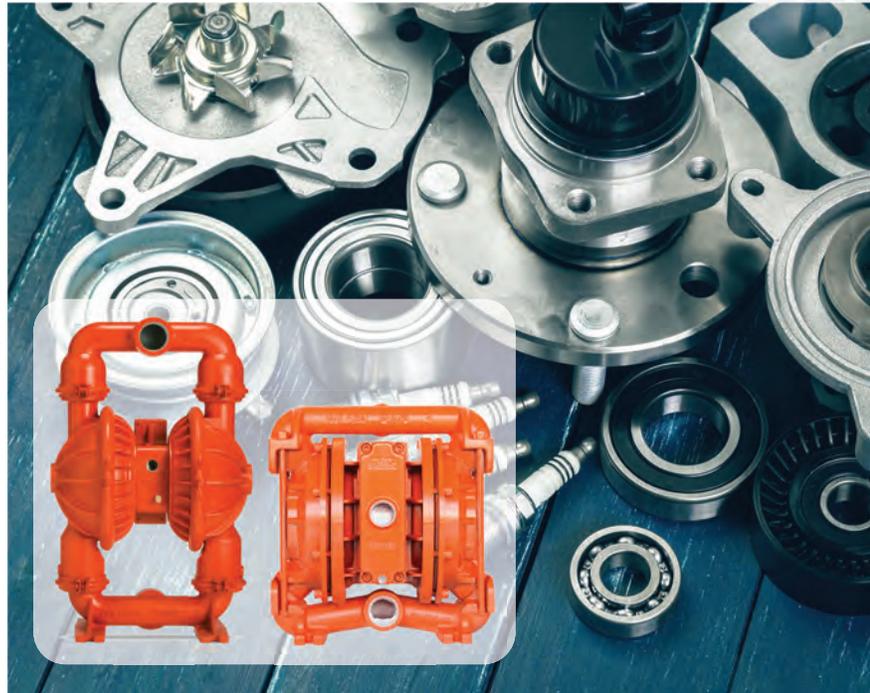
After investigating the applications in detail, our expert Barry Norrish collaborated with the Manufacturer and presented Wilden Pro Flo P2 1" and Wilden Pro Flo Shift PS8 2" AODD pumps with a thermoplastic wetted package. These pumps with their technology and construction would have a longer life than the Buna-N wetted materials on the existing AODD pumps.

We offered a trial of the P2 1" pumps and the PS8 2" pumps to see how they stacked up compared to the existing AODD pumps. After nine months of having the Wilden pumps in operation alongside the incumbent AODD pumps, the customer still had to order a significant number of incumbent parts. However, the Wilden pumps had zero replacements and no failures during the entire trial. The customer was so pleased with the performance of the Wilden pumps during the trial that they purchased new Wilden pumps to replace all of their existing AODD pumps.

THE RESULTS

- ▶ Decreased Maintenance & Replacement Costs
- ▶ Decreased Downtime
- ▶ Decreased Air Consumption
- ▶ Increased Operational Efficiency
- ▶ Increased Energy Savings

For more information on this solution or if you have a fluid handling challenge of your own - Contact a John Brooks Company Application Expert today!



AUTO PARTS MANUFACTURING | OIL, LUBE & WASTE PUMPING

ZERO REPLACEMENT PARTS & ZERO FAILURES MAKES WILDEN AODD PUMPS THE RIGHT CHOICE.

TECHNOLOGY UTILIZED

Wilden P2 Pro-Flo Clamped Metal AODD Pump Specs

- ▶ Max. Flow Rate (TPE): 45.2 gpm (171 lpm)
- ▶ Max. Solids Size: 1/8" (3.2 mm)
- ▶ Max. Suction Lift (TPE): Dry: 25.0' (7.6m)
Wet: 29.5' (9.0m)

Wilden PS8 Pro-Flo SHIFT Clamped Metal AODD Pump Specs

- ▶ Max. Pressure: 125 psi (8.6 bar)
- ▶ Max. Flow Rate (EZ-Install TPE): 190 gpm (719 lpm)
- ▶ Max. Solids Size: 1/4" (6.4 mm)
- ▶ Displacement Per Stroke: 1/8" (3.2 mm)
- ▶ Max. Suction Lift (EZ-Install TPE): Dry: 25.0' (7.6m)
Wet: 29.5' (9.0m)

PRO-FLO SHIFT AIR DISTRIBUTION SYSTEM



WATCH HOW IT WORKS