

TOTAL SAVINGS OF OWNERSHIP

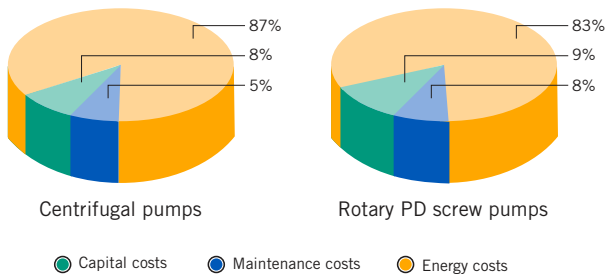
ROTARY POSITIVE DISPLACEMENT SCREW PUMP SOLUTIONS CAN LOWER ENERGY COSTS BY 29%.

Rotary positive displacement (PD) pumps can offer tremendous cost savings, when compared to traditional centrifugal pumps. In the example below, a typical 250,000 BPD crude oil pumping station in western Canada that uses three rotary PD screw pumps operating in parallel with one standby pump can actually reduce energy costs by 29% over a five-year period, versus the traditional approach of two centrifugal pumps with a standby pump.

	TRADITIONAL CENTRIFUGAL PUMPS Brand X <i>10 x 12 x 17 BB3, four stage</i>	ROTARY PD SCREW PUMPS CIRCOR <i>8L-912Y</i>
Capital costs	\$2,263,313	\$1,917,764
Maintenance costs	\$1,439,200	\$1,738,745
Energy costs	\$24,854,086	\$17,585,577
Total cost of ownership	\$28,556,599	\$21,242,086

THE CIRCOR SOLUTION DELIVERS A \$7.3 MILLION TOTAL SAVINGS OF OWNERSHIP OVER JUST A FIVE-YEAR PERIOD.

CONTRIBUTION TO TOTAL COST OF OWNERSHIP



OBSERVATIONS

- › Over a five-year period, the combined capital and maintenance costs account for less than 17% of the total cost of ownership.
- › When comparing the two pumping solutions, the combined capital and maintenance costs differ by less than 1.5%.
- › The overall efficiency of the CIRCOR solution is 27% higher than the traditional centrifugal technology.
- › A 29% reduction in energy costs can be achieved by utilizing the CIRCOR solution.

FOR ADDITIONAL INFORMATION VISIT:
cirqorpt.com/positive-displacement-pumps

