



## Colfax Unveils Alternative Fluid-Handling Strategy for Crude Oil Transport

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Solutions leveraging rotary positive displacement screw pumps increase efficiency and minimize emissions

Colfax Corporation (NYSE: CFX), a global leader in fluid-handling solutions for critical applications in the most demanding environments, has unveiled a new approach to handling high- and low-viscosity fluids that require high pressure boosts in the transport of crude oil. The Colfax line of rotary positive displacement (PD) screw pumps not only delivers the unsurpassed reliability required in crude oil transport applications but responds to growing Oil & Gas industry demands for higher energy efficiency and greater environmental responsibility.

(Logo: <http://www.newscom.com/cgi-bin/prnh/20080508/DC21739LOGO> )

"Rotary pumps have been the standard in delivering high-efficiency, low-maintenance solutions for critical fluid handling in the past," said John A. Young, president and CEO of Colfax. "But the perception that screw pumps mean higher expense is simply outdated, preventing oil transport companies from taking full advantage of their significant benefits for energy savings and reduced environmental impact in these applications.

"In fact, rotary PD screw pumps actually offer tremendous cost advantages," he continued. "A typical Colfax solution on a single 250,000 BPD crude oil pumping station in Western Canada -- using three rotary PD screw pumps operating in parallel with one standby pump -- delivers a 29 percent reduction in combined capital, energy and maintenance costs over a five-year period, when compared to the traditional centrifugal pump solution of two pumps operating in parallel with one standby pump. That translates into more than \$7 million in savings to own and operate a rotary PD screw pump solution over five years, a concept that we call Total Savings of Ownership at Colfax."\*

"We've also taken the lead at Colfax in developing various shaft-sealing solutions, for the industry to address market demand for reduced process fluid emissions," Young noted. "Like the rotary PD screw pump designs themselves, they are efficient and reliable, providing operators with the highest level of safety."

According to Mike Moore, a product specialist in crude oil transport for Colfax Americas -- the division responsible for Colfax customers in North and South America -- Western Canada recognized early on the advantages of the screw pump's simple, but robust design. "Oil companies have used screw pumps to move crude oil to market for the past 30 years; and in Alberta and Saskatchewan, screw pump lines manufactured by Colfax handle 4.8 million barrels of crude oil each day," he said.

The hydraulic principle behind screw pump operation delivers both high volumetric and high overall operating efficiencies, he stated, in addition to offering long mean time between repairs (MTBR) and ease-of-maintenance features for field servicing, which combine to maximize operational uptime. Other value-added advantages of these pumps include:

- Constant flow, even in the presence of varying system backpressures
- Non-pulsating flow, without the need for pulsation dampeners
- Low noise and vibration levels, minimizing foundation requirements

Keith Schafer, vice president of sales and marketing for Colfax Americas, underscored the company's commitment to expanding the use of rotary PD screw pump systems throughout the industry. "Colfax's strong portfolio of screw pump designs from global brands Allweiler, Houttuin, Imo, Tushaco and Warren means that we can provide more product solutions than any other PD pump manufacturer on the globe. But product is just the beginning of our Total Solutions approach. We also bring deep expertise in critical Oil & Gas applications, including crude oil transport, and provide ongoing service and support to our customers, from assessing their specific needs to designing and implementing solutions that meet those needs to providing ongoing monitoring and maintenance.

"As true partners, we help our crude oil transport customers -- and ideally the Oil & Gas industry at large -- balance reliable and efficient performance, fiscal responsibility and environmental stewardship with fluid-handling solutions that improve

business and grow the bottom line," Schafer concluded.

\* See Total Savings of Ownership for full comparison data.

ABOUT COLFAX CORPORATION - Colfax Corporation is a global leader in critical fluid-handling solutions, including the manufacture of positive displacement industrial pumps and valves used in global oil & gas, power generation, marine, naval and a variety of other industrial applications. Key product brands include, Allweiler, Fairmount Automation, Houttuin, Imo, LSC, Portland Valve, Tushaco, Warren and Zenith. Colfax is traded on the NYSE under the ticker "CFX." Additional information about Colfax's products, businesses and practices is available at [www.colfaxcorp.com](http://www.colfaxcorp.com).

ABOUT COLFAX OIL & GAS SOLUTIONS - Colfax has served virtually every oil company throughout the world over the past 90 years, bringing particular critical expertise to crude oil transport in production facility, pipeline, tank farm and refinery applications and surrounding customers with design, engineering, manufacture, installation, testing and technical support services. The Colfax portfolio of pumping technologies delivers not only unsurpassed reliability, but operational and energy efficiencies, environmental responsibility and cost savings over the lifecycle of the pump.

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