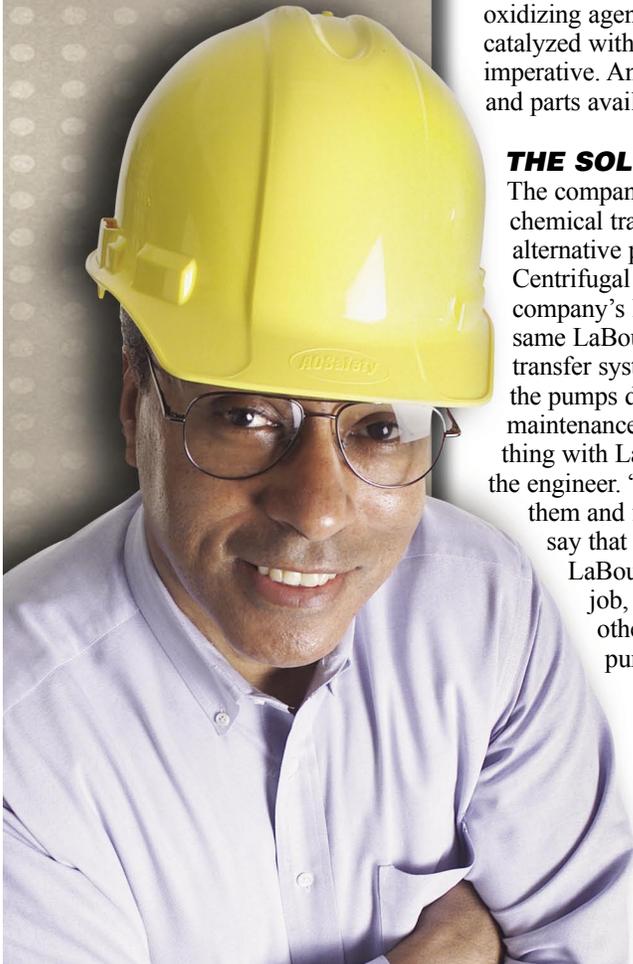




“For us, the biggest thing with LaBour is reliability and lower life-cycle cost.”

**Associate Engineer
Corporate
Engineering
Services**

Pump Expert



Rail Car Tanker & Truck Unloading

THE COMPANY

A producer of industrial chemicals, the company is the number one producer of Hydrogen Peroxide (H₂O₂) in North America. Hydrogen Peroxide is one of the most versatile, dependable and environmentally-friendly chemicals available today, but it presents its own set of handling challenges. For over 50 years, the successful management of Hydrogen Peroxide storage and handling has been the expertise of the company’s Engineering Services Division... for their own manufacturing facilities and for their Hydrogen Peroxide customers.

THE PROBLEM

The firm’s production plants in Texas and British Columbia produce and transport millions of gallons of Hydrogen Peroxide for customers all over the continent. Transporting the liquid involves the loading and unloading of rail-car tankers as well as tanker trucks, requiring the use of a pump at the point of transfer. The pump needs to be self-priming, as it would be used intermittently - for average tanker capacities of 4,000 gallons - so it’s impractical to reprime the pump every time it’s used. Hydrogen Peroxide approximates the viscosity of water, so it’s easy to move. But it can contain entrained air which causes problems with many conventional pumps. Plus, Hydrogen Peroxide is an oxidizing agent and becomes even more powerful when catalyzed with iron, so a pump built of stainless-steel was imperative. And of course reliability, ease of maintenance and parts availability were high on the company’s wish-list.

THE SOLUTION

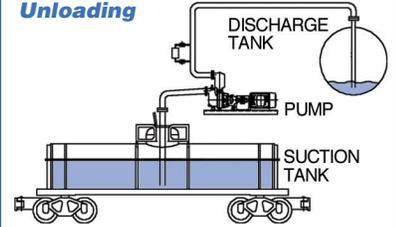
The company’s Engineering Services designed the chemical transfer systems and after researching alternative pumps, chose LaBour Self-Priming Centrifugal Pumps to do the job. According to the company’s lead engineer, the department specifies the same LaBour pump for all their Hydrogen Peroxide transfer systems, making it easy to remove and replace the pumps during their preventative maintenance schedule. “The biggest thing with LaBour is reliability,” states the engineer. “You pretty much install them and forget them.” It’s safe to say that under any conditions, a LaBour pump will do a better job, more reliably, than any other self-priming centrifugal pump!



Application Guide

Typical Application

Tank Car Unloading



The LaBour LHLA/LPLA Back Pull-Out Self-Priming Pump Benefits

- The industry’s lowest cost of ownership over the life cycle of the pump
- Engineered to last longer and require less maintenance
- Physically superior to competing product offerings - you can see the difference
- Designed to run cooler allowing seals and bearings to last longer
- Greater lift capacity than any other pump
- Worldwide technical support and quick-response service
- Shortest priming cycle time
- Over 80 years experience in the chemical processing industry
- The pump industry’s most impressive array of warranty options

**LaBour
Taber**

**The World’s Longest Lasting
Pumps... Bar None!**

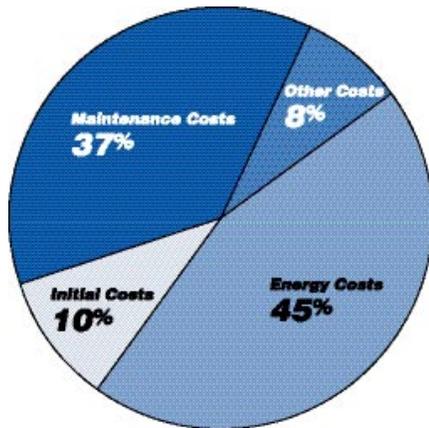
www.labourtaber.com
317-924-7384

**When pump failure
is not an option
...trust the LaBour
Self-Priming Pump.**

HOW IT ALL COMES TOGETHER

The company discovered that LaBour Self-Priming Centrifugal pumps have been rugged and trouble-free. Engineering Services rotates the pumps with refurbished ones in 5 year preventative maintenance cycles. They've found that, in most instances, all it takes are minor repairs - if any at all - to bring the pumps back to like-new condition. With almost 100 pumps in service, that adds up to big savings in costs and downtime. "There won't be too many people retiring on the parts that we buy!" muses the lead engineer. Even though the company doesn't need to invest in a large inventory of replacement parts for their LaBour pumps, parts are readily available nationwide. Unlike some manufacturers, who systematically obsolete their equipment by discontinuing parts support, reliable LaBour replacements are there if you need them. Even for older LaBour models. And LaBour built the Self-Priming Centrifugal Pumps like they do all their pumps... with reliability in mind. From the oil lubricated bearings, extended life mechanical seals and the "best in the industry" heavy duty shaft to the stainless-steel pump casing construction materials, LaBour pumps proved to be not only rugged, reliable and dependable, but easy to maintain. LaBour's unique design and high quality made the up-front cost a good investment for the company, an investment which will pay dividends in an overall lower cost of ownership and operation through the years. In rail-car and tanker truck unloading, reliable LaBour pumps took a load off for this company!

EXPERTS KNOW THERE'S MORE TO BUYING A PUMP THAN THE INITIAL COST OF THE PUMP.



Why Should Organizations Care About Life-Cycle Cost?

Many organizations only consider the initial purchase and installation cost of a system. It is in the fundamental interest of the plant designer or manager to evaluate the life cycle costs (LCC) of different solutions before installing major new equipment or carrying out a major overhaul. This evaluation will identify the most financially attractive alternative. As national and global markets continue to become more competitive, organizations must continually seek cost savings that will improve the profitability of their operations. Plant equipment operations are receiving particular attention as a source of cost savings, especially minimizing energy consumption and plant downtime.

Source: "Pump Life Cycle Costs: A Guide to LCC Analysis For Pumping Systems." Hydraulic Institute, Europump and the US Department of Energy's Office of Industrial Technologies

LABOUR: SYNONYMOUS WITH RELIABILITY AND SERVICE

LaBour Pumps has been providing all kinds of high quality, specialized pumps to the chemical processing industry for over 80 years. LaBour is known world-wide for progressive, innovative technology, a responsive representative network and for the timely delivery of pumps constructed from special materials like stainless steel, nickel alloys, titanium and zirconium. We believe that we design, engineer and build the finest, longest lasting pumps available in the market. In fact, with only routine maintenance, it's not uncommon for a LaBour pump to be working smoothly way beyond the pump life expectancy of 15 or 20 years. But it's good to know that in the unlikely event of a problem, LaBour's parts, service and representative network is there to get your pumps back online as quickly as possible. LaBour has provided thousands of customers with pumps designed and manufactured for each customers' specifications and unique requirements. No matter what the chemical processing application, a LaBour pump can be built for you.

BECOME A PUMP EXPERT YOURSELF

If you would like more information about LaBour Self-Priming Pumps—or any other quality LaBour pump—call LaBour-Taber at 317-924-7384, visit www.labourtaber.com, or email us at labourtabersales@peerlesspump.com. We'll analyze your unique challenges and show you how a LaBour pump can work for you!

**LaBour
Taber**

**The World's
Longest Lasting
Pumps
...Bar None!**

**The LaBour LHLA/LPLA
Back Pull-Out Self-
Priming Pump**

Typical Pump Applications

- Chemical Transfer
- Bilge Water Removal
- Liquor Evaporator
- Tank Car Unloading
- Industrial Waste Treatment
- Mine Dewatering
- Tunnel Dewatering
- Condensate Systems
- Volatile Liquid Handling

Typical Markets

- Industrial
- Petroleum
- Power
- Utility
- Chemical Process
- Food & Beverage Process
- Pulp & Paper
- Pharmaceutical
- Steel
- OEM
- Agriculture
- Primary Metals
- Pollution Control

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