

CASE STUDY:

LCL Bulk Transport Slashes Truck Cleaning Costs with PathoSans® System Solutions

Management at LCL Bulk Transport is thrilled with the economic benefits of the PathoSans system.

“Our cost per gallon of product has dropped tremendously compared to the concentrated soaps previously used. We no longer order cleaning chemicals and pay all the related shipping costs. The interiors of our tank trailers are clean. Residual film and water spots have been eliminated and we are confident we won't have any trucks rejected by customers when using the PathoSans system.”



PathoSans®
Cleaning Technologies

HIGHLY EFFECTIVE | SAFER | ENVIRONMENTALLY RESPONSIBLE

CASE STUDY:

LCL Bulk Transport Slashes Truck Cleaning Costs with PathoSans® System Solutions

Looking for a way to reduce costs without compromising cleaning quality, LCL Bulk Transport in Elkhorn, WI decided to try the PathoSans system to produce cleaning chemicals on-site and on-demand. The results have exceeded LCL's expectations and now the systems are being used in three LCL wash facilities.

The PathoSans cleaner, PathoClean®, is fed directly into the wash kettle of LCL's CIP systems and is used to remove chocolate and vegetable oils from tanker trucks. PathoClean contains a highly reactive alkaline solution that provides very powerful cleaning using very little chemical – the solution is 99.98% water. Plus, PathoClean produces no foam and is residue-free so tankers are easy to rinse after cleaning and dry without streaks.

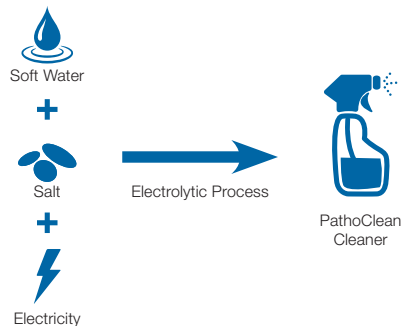
In addition to cost savings, tankers are cleaner than ever, worker safety is improved and the company has furthered its green initiative.

Since the installation of the PathoSans system, LCL has not had a single truck rejected by a customer due to cleanliness concerns. There is no costly rewashing and LCL now has a powerful competitive advantage to promote. Other PathoSans system benefits include:

- Employees are no longer exposed to potentially harmful chemicals while cleaning the tanker trucks now that caustic and dangerous chemical use has been eliminated
- The PathoSans system also produces an acidic rinse solution. LCL is using this solution to buffer drains instead of the chemicals previously used to neutralize alkaline wash water prior to disposal
- Immediate cost-savings. The cost of PathoSans solutions is less than \$.07 per gallon



How the PathoSans System Works



Electrolytic Cell Process

An electric field allows the sodium and chloride ions to be pulled through the membranes and react with water to create an alkaline cleaner (NaOH) and an acidic rinse solution (HClO).

PathoSans®
Cleaning Technologies

From *Spraying Systems Co.*

North Avenue and Schmale Road, P.O. Box 7900, Wheaton, IL 60187-7901 USA

Tel: 1.800.95.SPRAY Intl. Tel: 1.630.665.5000

Fax: 1.888.95.SPRAY Intl. Fax: 1.630.260.0842

www.pathosans.com

Bulletin No. PCS104B ©Spraying Systems Co. 2014

CONTACT US FOR MORE INFORMATION

Industrial and manufacturing facilities:

Phone: 1.800.95.SPRAY

Commercial, institutional, medical, event centers,
hospitality or food service facilities:

Phone: 1.855.204.8950