

# THE MOLYCOR SYSTEM

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## The MOLYCOR System

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|----------------------------|-----------------------------------|
| <b>Step 1: Clion-X™</b>    | • Remove Chloride Ion "Rock Salt" |
| <b>Step 2: Arrest™</b>     | • Stop and Remove Rust            |
| <b>Step 3: Molycor-20™</b> | • Prevent Future Rust             |

In an attempt to preserve and maintain street department vehicles, Jay Olson at the Crown Point Street Department (Crown Point, Indiana) utilizes a program called the Molycor System. The purpose of this system is to protect the vehicles from rust due to chloride. The system protects vehicles year-round, is water and weather resistant, and extends the service life of the treated units.

## Applications

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|----------------|-------------------|------------------|
| • Trucks       | • V-box Spreaders | • Plows          |
| • Truck Bodies | • Tailgate Augers | • Under Bodies   |
| • Chains       | • Wire Rope       | • Metal Surfaces |

## Clion-X™ • Remove Chloride Ion

Remove and neutralize the chloride ions that are attached to your equipment, due to winter use and travel. After friction, the chloride-ion is one of the single most costly components in the maintenance of our economic system. According to a study done at Rensselaer Poly-Technic Institute, the price of highway salt is only 3.5% of total cost of using a salt product.



The best cleaners and pressure washers can't remove the brined-out chloride. Clion-X™ will break the ion bond and remove all the chlorides. This step will even stop the seam rust on this stainless steel spreader.

Chloride-Ion induced corrosion damage is the single most costly deterioration mechanism facing state highway agencies in the United States. Approximately 40% of the backlog of highway bridge repair and rehabilitation cost is directly attributed to chloride-ion induced corrosion of steel reinforced concrete bridge components. (SHRP-3-360)

Neutralizing chloride salt wash is designed to effectively remove all chloride salt residues from salt spreaders, plows, truck bodies and frames. Chloride salt residue forms a strong and corrosive bond with both painted and unpainted metals. It is extremely important to remove all traces of chloride salt residue from your equipment to prevent rust and integrity failure, and to prolong the life of your equipment investment.

Before you put spreaders up for the summer, and before marking off another winter, use Clion-X™ to rid chloride-ion. Improving the life-cycle value of equipment is the single most valuable maintenance action that an agency or department can take.