CASE STUDY

Stop Damaging Aluminum Surfaces on Your Fleets: Discover How SafeGuard AL Cleans without Tarnishing Aluminum

GUARDIAN CHEMICALS INC.

CHALLENGES

This fleet wash operation struggled to clean trucks and trailers effectively without damaging aluminum and chrome surfaces. Previous cleaners caused discoloration, tarnish, etching, white rust, and corrosion. Blankets were placed on these surfaces prior to cleaning to prevent damage, however this process was labour-intensive and inefficient.

SOLUTIONS

Guardian Chemicals introduced SafeGuard AL, a cleaner specially formulated to clean all vehicle surfaces including aluminum and chrome without causing damage. This product eliminated the need for a protective covering (blanket) and effectively cleaned off oil, grease, dirt, and other soils.

RESULTS

No More Damaged Aluminum or Chrome

SafeGuard AL could be applied to all exterior fleet surfaces without the worry of damaging aluminum or chrome. Damaged caused by errors in product dilution or dwell time were eliminated.

No Need to Cover Aluminum or Chrome

SafeGuard AL eliminated the need to protect aluminum and chrome surfaces including checker plate with blankets.

One-Product Solution

Aluminum and Chrome surfaces could be cleaned at the same time with one-product. Elimination of multiple cleaning products and need to blanket aluminum and chrome reduced cleaning time by 32 minutes per truck and trailer.

AT A GLANCE

A semi-truck and trailer wash bay faced challenges with high pH degreasers causing permanent damage to aluminum fuel tanks and chrome surfaces. SafeGuard AL replaced the previous cleaning agent and effectively cleaned all surfaces including aluminum and chrome without damage.

KEY METRICS

NO DAMAGE
SAFE FOR ALUMINUM AND CHROME

REDUCED
CLEANING TIME BY 32 MINUTES PER TRUCK

ELIMINATED
DAMAGE FROM IMPROPER DILUTION OR DWELL TIME

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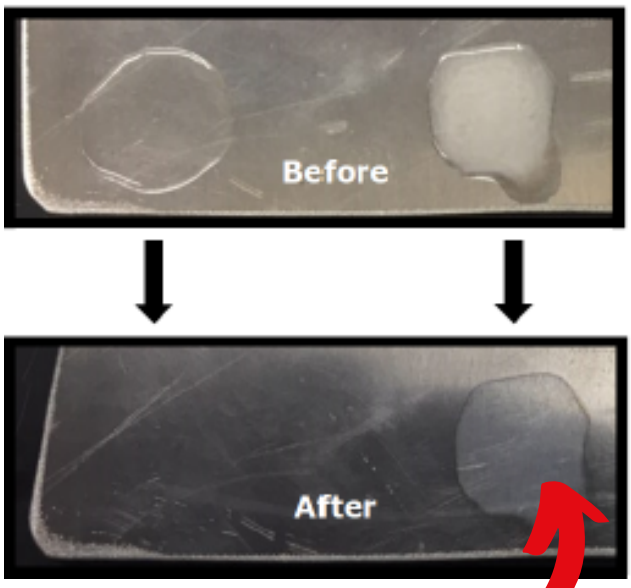
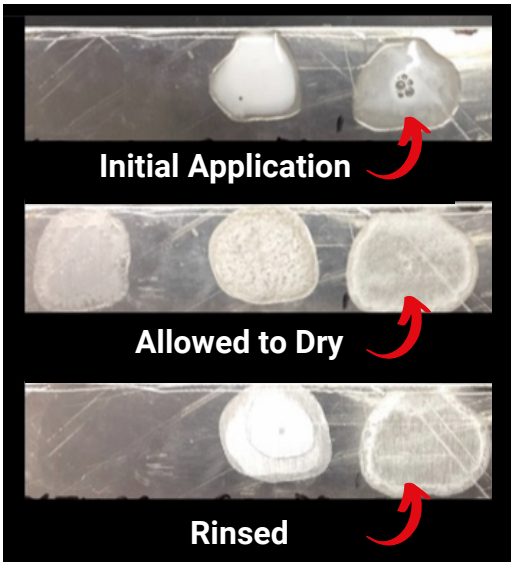
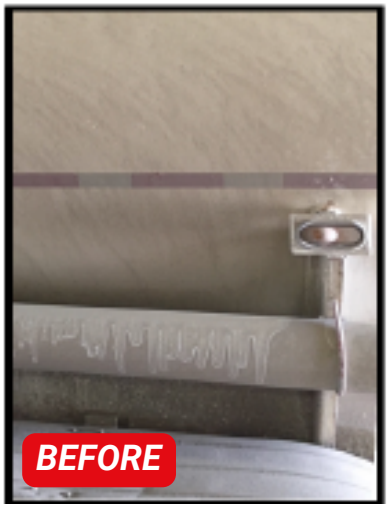
DATA

SafeGuard AL vs. Competitve Cleaner



Tarnish damage from competitive cleaner.

SafeGuard AL vs. 2 Competitive Products



SafeGuard AL did not damage aluminum surface, even when applied at full strength. Competitive products permanently damaged surface.