



## Product Application Presentation

**Product Identifier:**

# TCI 524-30 H.D.

**Process Identifier:** Stainless steel/extruded aluminum-chemical & atmospheric corrosion cleaner ready-to-use

### Product Presentation

TCI 524-30 H.D. is a ready to use amber coloured formulation of mild acids and powerful biodegradable detergents. TCI 524-30 H.D. is pumped from the shipping container and applied to the surface as is. This solution is made of high foaming detergents for fast surface coverage and thorough soil penetration. This product is designed for all commodity tarnished stainless steel tankers and extruded aluminum articles on horse and cattle trailers, all commodity TITAN THIN-WALL trailers.

### Process Introduction

The applied solution formulation is designed to effectively remove deeply embedded road films, dirt, oils, diesel soot, black welding soot, corrosion, and oxide coatings without etching the surface to a white finish or leaving undesirable streaks. This procedure can be used on a regular basis when needed - producing a chemically passivated shiny surface. Regular washing should be done with TCI 710 H.D. Every time you clean, another layer of silicate protection is added to the aluminum to protect against salt corrosion.

### Process Specificity

#### THIS PROCEDURE IS FOR

#### TRAINED PERSONNEL ONLY

To start operation, set up the chemical applicator foaming system and regulate the air pressure to 340-400 kPa (30-50 psi). The pump will operate automatically by starting and stopping the flow on demand at the wand. **Caution:** Do not spray or foam TCI 524-30 H.D. directly onto a hot metal surface since it will alter the chemistry resulting in staining. Walk around the whole unit being treated and thoroughly cool and wet the entire surface on a hot sunny day. The best time is early in the morning or evenings. Spray or foam the chemical solution directly from the drum onto the metal surface and have the pressure washer ready for rinsing. Apply the chemical solution as a spray to the entire surface of the units body starting from the bottom and working up. Assure complete coverage. Once the application is complete, allow approximately fifteen to thirty minutes chemical exposure time. Exposure time is directly proportional to soil thickness. Brushing is NOT required.

Rinse the section with high pressure at 3000 psi water starting at the bottom and consistently moving with a 10 cm fan or less in a horizontal pattern until the top is reached. Then rinse all residual chemical solution thoroughly from the surface working from the top down. Be sure to always rinse the chemical solution over spray from other sections in the same fashion. Special cautions apply to the bulk carriers because of their rounded tops. When the entire unit is complete, a final water rinse will assure no residual chemical activity on the aluminum or stainless steel surfaces.



**Packaging: 20, 205 & 1,000 litres**

**For industrial and institutional use only.**

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