

## ***Detrimental Effects of Acid Washing on Winches*** **All Winch Variations**



**Description:** To heighten the customer awareness of the detrimental effects of acid / caustic washing on the corrosion resistance of the Powder Coat and Xtreme Zinc winch anti-corrosion coating.

**Technical Data:**

“Acid wash” is somewhat of a generic term, and there are variations in the acid wash process. There are different acids (low PH cleaner), brighteners and soaps used - Hydrofluoric being the benchmark. There are different concentrations used & different applications-soak and rinse times. Research indicates that aluminum trailers may be washed by their owners once, or perhaps twice a year to “shine them up.”

Acid washing, regardless of how mild, affects the winch finish, which in turn affects the ability of the winch finish to withstand salt spray and corrosion. Caution is advised for the customer to either remove or protect the winches against these chemicals. Acid washing will also negatively affect winch strap webbing, stitching, hardware and other components attached to the trailers being washed.

Winches exposed to acid washing and accelerated salt spray testing

