



World Class Cleaning Solutions

CASE STUDY

Manufacturer: Fire Suppression Systems

Customer Details:

Product: AquaVantage® 3800 GD

Parts Cleaned: Fire Depression Equipment

Removing What: Blazo Cut 935 Coolant

Scenario: “In Process” cleaning of parts as they travel through the manufacturing process

Customer’s Current Process:

Current Chemistry: Storm Jet by Keteca

Concentration: 5%

Washer Type: Conveyor type spray washer

Specific Metals: Stainless, Aluminum,

Cold Pressed Steel, Brass & Copper

Temperature: 140°F (60°C)

Time: 5 min

Rinse Water Temp: 140°F (60°C)

Rinse Water Number and Time: 1 for 5 min

Dry: 140°F (60°C) for 5 minutes

Tank Life: Changed when it stopped cleaning

Customer Improvement Requested: Poor parts cleaning plus copper & brass elements of parts were tarnishing



BHC Recommended Process:

Chemistry: AquaVantage 3800 GD / Copper Protector in Rinse Tank

Concentration: 4%

Temperature: 140°F (60°C)

Time: 7 minute wash

Rinse Water Temp: 140°F (60°C)

Rinse Water Number and Time: 1 for 5 min

Dry: 140°F (60°C) for 5 minutes

Tank Life: With use of titration tank life is 2 months

Results: Parts are cleaner plus copper & brass elements are no longer tarnished

Reason BHC Won: Using 2 ounces of Copper Protector in the rinse water daily parts are no longer being sent out to be Bright Dipped. Estimated annual savings not having to do this steps is \$50,000.00