



# World Class Cleaning Solutions

## Case Study Aerospace Tubing

### CUSTOMER DETAILS

**Product:** AquaVantage® 815 GD  
**Parts Cleaned:** Various  
**Removing What:** Magna Draw HV  
**Scenario:** "In Process" cleaning of parts as they travel through the manufacturing process  
**Equipment Used:** Ultrasonic Tank

### CUSTOMER'S CURRENT PROCESS

**Current Chemistry:** AquaVantage® 815 GD  
**Concentration:** 5%  
**Washer Type:** Ultrasonic  
**Specific Metals:** Stainless & Inconel  
**Temperature:** 140°F (60°C)  
**Time:** 4 minutes  
**Rinse Water Temp:** 140°F (60°C)  
**Rinse Water Number and Time:** 1 at 4 minutes  
**Dry:** Air Dry  
**Tank Life:** When they thought it needed changing  
**Customer Improvement Requested:** Better cleaning & a method to know what's going on with the tank



### BRULIN RECOMMENDED PROCESS

**Chemistry:** AquaVantage® 815 GD  
**Concentration:** 10%  
**Temperature:** 140°F (60°C)  
**Time:** 4 minutes  
**Rinse Water Temp:** 140°F (60°C)  
**Rinse Water Number and Time:** 1 at 140  
**Dry:** Air  
**Tank Life:** Both locations recently purchased new ultrasonic systems. They requested information on better cleaning & tank life. Visited both locations, increased concentration to 10% plus instructed them on titration.

### RESULTS

Follow-up will be required to confirm cleaning is better and length of tank life.