



World Class Cleaning Solutions

Case Study Overhaul Services

CUSTOMER DETAILS

Product: AquaVantage® 815 GD
Parts Cleaned: Helicopter Rear Rotor Housings
Removing What: MRO soils from a war zone
Scenario: “In Process” cleaning of parts as they travel through the MRO process
Equipment Used: Immersion without Ultrasonic

CUSTOMER’S CURRENT PROCESS

Current Chemistry: Daraclean 282
Concentration: 10%
Washer Type: Immersion w/o ultrasonics
Specific Metals: Steel & Aluminum
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 for 5 minutes
Tank Life: Changed when it stopped cleaning
Customer Improvement Requested: Better Cleaning. Too many rejects from QC.

BRULIN RECOMMENDED PROCESS

Chemistry: AquaVantage® 815 GD
Concentration: 18%
Temperature: 140°F (60°C)
Time: 5 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 we were able to eliminate a step. This step was a hand wash w/spraying the detergent onto the part before rinsing and drying.

REASON BRULIN WON

Being able to increase dilution rate for a better 1st wash and elimination of the 2nd hand wash step.



Before



After