



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.

Before



After



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