



World Class Cleaning Solutions

CASE STUDY

Designer of Military Weapons Systems

Customer Details:

Product: AquaVantage® 3887 GD

Who: A high-quality leader and innovator in the design and supply of Military Weapons, Munitions, and Electronic Warfare Sub-systems

Parts Cleaned: Weapon Parts / Aluminum

Removing What: Machine Oils used in Cutting Parts

Scenario: Remove impurities so final finishing process can be done

Equipment Used: Dishwasher

Customer's Current Process:

Current Chemistry: Simple Green Extreme

Concentration: 12 - 14%

Washer Type: Dishwasher

Specific Metals: Aluminum

Temperature: 105°F (40.6°C)

Time: 10 min

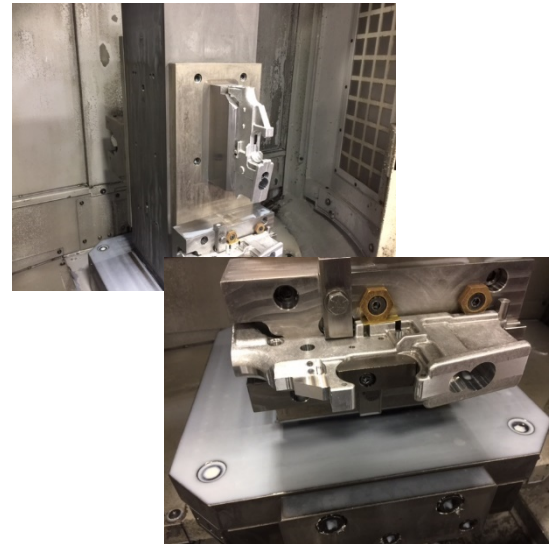
Rinse Water Temp: 105°F (40.6°C)

Rinse Water Number and Time: 1 to 2 times. Approx. 10 min.

Dry: Air Dry

Tank Life: Dumped after every use

Customer Improvement Requested: Poor parts cleaning meant customer needs to repeat process and no supplier support



BHC Recommended Process:

Chemistry: AquaVantage 3887 GD

Concentration: 4%

Temperature: 130°F (54.4°C)

Time: 5 minute wash/rinse

Rinse Water Temp: 110°F (43.3°C)

Rinse Water Number and Time: 1 for 5 min

Dry: Air dry

Tank life: Will gain / cut cost

Results: Cleaner finished product with reduced cost

Reason BHC: Testing 3887 GD showed better cleaning results and support provided by BHC vs none from competitor

