



World Class Cleaning Solutions

CASE STUDY

Aerospace Component Manufacturer: FPI Prep.

Customer Details:

Product: AquaVantage® 3887 GD

Parts Cleaned: Oil pumps from field (MRO) disassemble and rebuild

Removing What Soil(s): Several petroleum lubricants specified for pumps, some burnt on carbon

Why are parts degreased: Preparing surfaces for FPI testing

Customer's Process BHC Replaced:

Current Chemistry: AquaVantage® 3887 GD

Concentration: 10%

Washer Type: 3 Stage RAMCO- Turbo/Stroke no sonics

Specific Metals: Mainly Cast Aluminum, Powdered Metal, Stainless Steel

Temperature: 150°-160°F (66°-71°C)

Time/Line Speed: 10-minute wash, 5-minute rinse, 15-minute blow off

Customer Improvement Requested: New Washer

Other: Spec'd in AquaVantage® 3887 GD for New RAMCO – it didn't lift and remove the lubricants



BHC Implemented Process:

Chemistry: AquaVantage® 815 GD

Concentration: 10%

Temperature: 150°-160°F (66°-71°C)

Time/Line Speed: 10-minute wash, 5-minute rinse, 15-minute dry

Dry: 15 Min

Results: The AquaVantage® 815 GD completely removed all soils which allowed for proper FPI inspection