



World Class Cleaning Solutions

CASE STUDY

Fabrication & Machined Components: Aerospace Etc.

Customer Details:

Product: AquaVantage® 3887 GD

Who: Sheet Metal Fabrication & Machined Components for the Aerospace, Power Generation & Military Industries

Parts Cleaned: Aerospace parts, size and shape varies. Aluminum, Titanium, Stainless Steel, and Steel

- **Removing What:** Mystik Jt6 HI-Temp Multi-purpose Grease
- Prodraw 722X Chlorinated wax/oil gel
- Super Lithium EP Moly Grease
- Weld-Kleen 350

Scenario: “In Process” cleaning of parts as they travel through the manufacturing process

BHC Recommended Process:

Chemistry: AquaVantage 3887 GD

Concentration: 10%

Temperature: 140°F - 150°F (60°C - 65.6°C)

Bath Time: 1-30 minute wash/rinse

Rinse Water Temp: 120°F (48.9°C)

Rinse Water Number and Time: 1 for 5 min

Dry: 150°F (65.6°C) for 5 minutes

Tank Life: 8 weeks

Results: Parts are clean requiring no hand cleaning and DI water now used for spot free rinse

Reason BHC Won: 3887 GD provided better cleaning results with no foaming issues. BHC & the distributor provided “Tank Titration” Support and recommended they replace “Air” agitation with “Eductor Spray System to reduce foaming

