



World Class Cleaning Solutions

CASE STUDY

Racing Engines

Customer Details:

Product: AquaVantage® 3887 GD

Parts Cleaned: High End Engine blocks (Block is Graphite Iron, Valves are Titanium)

Removing What: Carbon, Grease, Transmission Fluids

Scenario: Build and rebuild \$50K plus racing engines

Customer's Previous Process:

Previous Chemistry: Private Label Cleaner

Concentration: 7-10%

Washer Type: 180 Gallon Ultra Sonic Part Cleaner

Specific Metals: Graphite Iron Engine Blocks , Titanium Valves, various Aluminum Parts

Temperature: 180°F (82.2°C)

Time: 10 min

Rinse Water Temp: No rinse

Rinse Water Number and Time: N/A

Dry: N/A

Tank life: 30 days or less

Customer Improvement Requested: Eliminate Discoloration on Aluminum Parts

Other: Improve Bath Life

BHC Current Process:

Chemistry: AquaVantage 3887 GD

Concentration: 10%

Temperature: 140°F (60°C)

Time: 5 minute wash

Rinse Water Temp: No rinse

Rinse Water Number and Time: N/A

Dry: N/A

Tank life: 30 to 60 days

Results: No Discoloration On Aluminum

Reason BHC Won: AquaVantage 3887 GD provided better cleaning results, no discoloration, longer bath life X2