



World Class Cleaning Solutions

CASE STUDY

Automotive Tubes Manufacturer

Customer Details:

Who: Multinational Automotive Parts Manufacturer

Parts Cleaned: Condenser and evaporator components that are used in automotive air conditioning systems

Specific Metals: Aluminum

Removing What Soil: Various metalworking fluids used in bending, flaring, etc. Insoluble in water (separable). Flared sections can trap oils and impede cleaning.

Why: Parts must be degreased before assembly

Equipment Used:

Ramco Immersion "Turbo" washer -- platform oscillation with solution turbulence (spray under immersion)

250 gallon capacity wash, 250 gallon rinse

BHC Partner Process:

Chemistry: AquaVantage 815GD

Concentration: 8-12%

Temperature: 140F / 60 C

Time: 15 minutes wash time

Rinse Water Number and Time: 1 rinse stage, immersion with platform agitation (only); rinse time 15 minutes, 140F/ 60 C

Dry: Oven, 160F/71C, 15 minutes

Results: Cleaning performance is reliable: Once reported as 2 errors per 1,200 wash batches

Reason BHC Won: Frequent troubleshooting support in response to perceived washing error, tank maintenance question, etc.

