



World Class Cleaning Solutions

Case Study Aerospace OEM

CUSTOMER DETAILS

Product: SolVantage™ MP 1793
Parts Cleaned: Aerostructures, landing gear, gear boxes, air control systems
Removing What: Removing Zyglol in FPI Process prior to applying developer in FPI Process
Scenario: To check for defects/cracks in large parts that can't be immersed.

CUSTOMER'S CURRENT PROCESS

Current Chemistry: Magnaflux
Concentration: RTU
Washer Type: Manual cleaning
Specific Metals: Stainless Steel, Aluminum, various Nickel Alloys
Temperature: ambient temp.
Customer Improvement Requested: Magnaflux discontinued cleaner with no replacement cleaner.
Other: Large percentage of current parts manufactured are for Boeing 787

BRULIN RECOMMENDED PROCESS

Chemistry: SolVantage™ MP 1793 and SolVantage™ MP 1793 Wipes
Concentration: RTU
Temperature: Ambient
Time: Every part different in cleaning off Zyglol
Dry: 5 minutes

RESULTS

SolVantage™ MP 1793 & Wipes worked better than anything they had used previously to clean off just the right amount of Zyglol but not too much so Zyglol wouldn't fluoresce defects and cracks in metal.

REASON BRULIN WON

SolVantage™ MP 1793 was the perfect product for the application. It didn't have the AMS2644 standard but they approved it anyways because it worked so well.