



World Class Cleaning Solutions

Case Study

Engine Overhaul Facility

CUSTOMER DETAILS

Product: AquaVantage® 224 CAT Rebuild

Parts Cleaned: Heavy equipment parts and engines

Removing What: Baked on Carbon and grease

Scenario: They overhaul and repair Caterpillar, Deere, and other construction equipment.

Equipment Used: Spray Wash System Cuda 2530.

CUSTOMER'S CURRENT PROCESS

Current Chemistry: Zep Recirculating Spray Wash Detergent

Concentration: 20%

Washer Type: Cuda 2530

Specific Metals: Steel engine parts

Temperature: 140°F (60°C)

Time: 30 min

Rinse Water Temp: 140°F (60°C)

Rinse Water Number and Time: 1 for 5 min

Dry: 140°F (60°C) for 5 minutes

Tank Life: Changed when it stopped cleaning

Customer Improvement Requested: Poor parts cleaning plus Cuda machine is fairly new and signs of rusting inside of tank and hinges

BRULIN RECOMMENDED PROCESS

Chemistry: AquaVantage® 224

Concentration: 5%

Temperature: 130°F-180°F (54.4°C - 82.2°C)

Time: 10 minutes

Rinse Water Temp: 130°F-180°F (54.4°C - 82.2°C)

Rinse Water Number and Time: 1 for 5 min

Dry: 140°F (60°C) for 5 minutes

Tank Life: With use of titration tank life is 2 months or change when needed

RESULTS

Parts are cleaner at faster rate and rusting of machine has stopped.

REASON BRULIN WON

Using a 5% concentration of 224 has cleaned parts better, faster and has stopped the rusting of equipment spray wash tank.

