



World Class Cleaning Solutions

Case Study

Quench Oil Removal: TCE Replacement

CUSTOMER DETAILS

Product: Heat Treating of Steel

Parts Cleaned: All types of steel parts from a wide variety of customer types

Removing What Soil(s): Quench oil and lubricants

Why are Parts Degreased: To remove quench oil after heat treating

CUSTOMER PROCESS BRULIN REPLACED

Current Chemistry: Vapor Degreasing w/Trichloroethylene (TCE)

Concentration: Unknown

Washer Type: Old Degreaser

Specific Metals: Steel

Temperature: Unknown

Time/Line Speed: Unknown

Customer Improvement Requested: Switch to an aqueous process

BRULIN IMPLEMENTED PROCESS

Equipment: RAMCO

Chemistry: AquaVantage® Non-Silicated

Concentration: 6%

Temperature: 150°F (66°C)

Time/Line Speed: 20 Minute Wash Cycle

Dry: Parts blow off

RESULTS

The quench oil is being removed completely from intricate part surfaces.

REASON BRULIN WON

A non-silicated product that requires no rinsing of parts. Greatly improved part cleanliness and tank life.

