

## CASE STUDY

# SHELLAC CLEANING

In Coating Pan with Chematic<sup>®</sup> 71

DOBER

### CURRENT CLEANING CHALLENGE

- ✗ INEFFICIENT CLEANING
- ✗ INTENSIVE MANUAL SCRUBBING
- ✗ RISK OF MICROBIAL CONTAMINATION
- ✗ LONG CLEANING DOWNTIME
- ✗ NON-ROBUST, NON REPRODUCIBLE CLEANING
- ✗ DISRUPTED MANUFACTURING SCHEDULE

— **LOW PRODUCTIVITY**

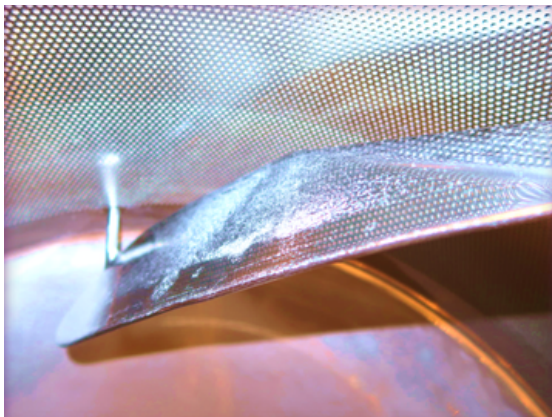
### CHEMATIC<sup>®</sup> SOLUTIONS & RESULTS

- ✓ EFFICIENT CLEANING WITHOUT RECLEANING
- ✓ MINIMISES OR ELIMINATES MANUAL CLEANING
- ✓ MITIGATES MICROBIAL CONTAMINATION RISK
- ✓ FASTER CLEANING = MORE PRODUCTION
- ✓ ROBUST, REPRODUCIBLE CLEANING
- ✓ SMOOTH MANUFACTURING SCHEDULE

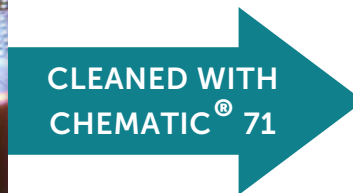
— **IMPROVES PRODUCTIVITY**

Chematic<sup>®</sup> 71 cleans insoluble soils such as Shellac residues without manual scrubbing. This made the cleaning of the perforations and baffles in a coating pan not only easy but also reduced the risk of microbial contamination by reducing bioburden caused by manual intervention.

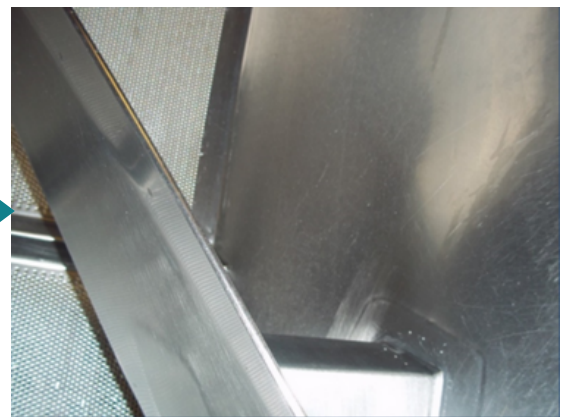
Cleaning with Chematic<sup>®</sup> 71 was a simple process of soaking in 5% v/v solution for 20 minutes with agitation done by rotating the pan coater. No manual scrubbing was done and the equipment was effectively cleaned after post-rinsing with water.



SHELLAC RESIDUE AFTER CLEANING WITH GENERAL CLEANING AGENT



CLEANED WITH CHEMATIC<sup>®</sup> 71



NO RESIDUE ON EQUIPMENT CLEANED WITH CHEMATIC<sup>®</sup> 71

**SAFE, EFFICIENT AND EFFECTIVE CLEANING WITH CHEMATIC FORMULATED DETERGENTS**