

CASE STUDY - Chematic® 670 CARBOMER BASED SHAMPOO CLEANING

DOBER

CLEANING OF VISCOSITY MODIFIERS WITH WATER ALONE COULD LEAD TO HIDDEN RESIDUES

Improper cleaning detergent coupled with an incorrect cleaning method could cause the formation of invisible gel layers in products containing thickeners like Carbomers.

These residues are visible only when wet. This could have disastrous consequences like

1. Trapping of more residues with further production cycles of the same or different product
2. Microbial contamination due to available 'Hidden' substrate
3. Product failures like cracking of emulsion-based products, shade variation due to trapping of pigments

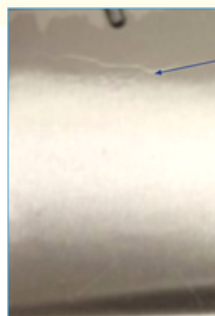
MOISTURIZING SHAMPOO EXAMPLE



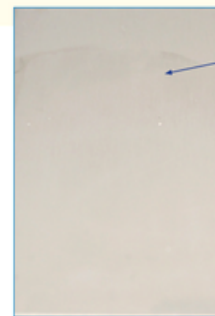
Coupon Soiled with Shampoo



Coupon Looks Visually Clean After Drying



Rinsing Reveals a Gel Layer is Present



Tan Residue May Be Visible



Gel Layer Traps Residue in Next Batches

CHEMATIC® CLEANER ADVANTAGE

Effective cleaning of gel layer without leaving behind Hidden Residues

Easy and faster cleaning

Decrease in cleaning water consumption by reducing cleaning steps

Increased production capacity by a decrease in downtime

Eliminates manual scrubbing

