



TM



Case Study

Implementation of Low Temperature Washing with Clax[®] Advanced

EXECUTIVE SUMMARY

Customer type:
Hotel/Lodging

Division: Diversey

Country: France

Challenges:

Fading of colored table linen and difficulties to manage high wash volumes during high season

Solution:

Clax Advanced Low Temperature Wash program at 40°C

Results:

Safe solution for colored linen
39% water savings
25% energy savings
23% capacity increase due to shorter wash cycles

Results

ANNUAL COST COMPARISON : *Current vs Clax Advanced*



Challenge

This laundry washes the linen for 2 hotels with a total of 180 rooms. The customer challenged us with two serious laundry problems :

First of all they had a big problem with fading of colors on table cloth linen and secondly they had difficulties to manage the huge amount of linen washed per day during the high season.

Solution

Introduction to Clax Advanced Low Temperature Washing

This customer was using a traditional high temperature laundry program with standard products. It was not hard to come up with the idea to introduce our Low Temperature Washing solution, Clax Advanced. This enabled us to present to this customer a gentle way to launder, without color damage, while offering shorter washing processes.

Because of the unique and mild composition, Clax Advanced is more gentle for textiles, extending the linen life time considerably. Low Temperature Washing with Clax Advanced also saves costs, because less energy and time is needed to heat up the water. In addition, less water is needed for cooling down the wash load, thus enabling a reduction in the number of rinses. This means you can save time, water and energy, all with the same good results and no need to rewash.

Because of the Low Temperature Wash solution with Clax Advanced, we were able to reduce the wash cycle by 25 min on average without any color damage. In addition, we were able to achieve 25% savings in energy and almost 39% savings in water.

The results were excellent on all wash classification except for the heavily soiled kitchen cloths and wear; for this classification, we made a small modification in the wash program.

Because the customer was strongly attached to the time savings resulting from washing at 40 0C, we only modified the specific prewash program by increasing temperature again, while keeping the main wash temperature the same.

The customer was extremely satisfied and decided to continue with Clax Advanced Low Temperature Washing.