



# Major Cosmetics Manufacturer Cuts Tank Cleaning Time in Half and Saves Over \$ 67,000 Annually with **EcoKlean**

A major cosmetics manufacturer was seeking cost reduction and process improvement for a tank cleaning procedure at their main production facility. Their cosmetic blending tanks require cleaning between batches of different types of product. Ashburn Chemical Technologies was brought in to evaluate this process.



The existing process first required a mineral oil be used to soften caked-on cosmetic material from the tank walls and blending equipment. This was then followed by a water based degreaser to remove the remaining cosmetic material and mineral oil. Cleaning time for each tank was four hours.

Ashburn ran laboratory tests for cleaning the cosmetics and determined that Ashburn Eco Klean at a 20% dilution would effectively remove all residue without the need for mineral oil. The customer tested Ashburn's recommended process and confirmed that they were able to clean the cosmetic tanks and equipment in half the time and reduced the amount of mineral oil required by 88%.

## COST SAVINGS WITH CONVERSION TO **ECOKLEAN**

MEASUREMENT	Previous Process	Eco Klean	Result	Monthly Savings
Mineral Oil Required	2390 kg / month	290 kg / month	88% Reduction in mineral oil used	\$ 2,982.00
Degreaser	5500 gal / month	5500 gal / month	Same usage at 10% lower cost	\$ 2,650.00
				<b>\$ 5,632.00</b>

## PROCESS IMPROVEMENT WITH CONVERSION TO **ECOKLEAN**

MEASUREMENT	Previous Process	Eco Klean	Result
Tank Cleaning Time	4 hours	2 hours	Decreased Tank Cleaning Time by 50%