

## A clean sweep to cut costs.

In a British manufacturer of cosmetic items for private households, various products are mixed with each other on the basis of various formulas in a mixing system to form finished products such as shampoo or detergents. Pumps transport the ingredients to the mixing system. Within this framework, it is indispensable that the viscous products are transported with constant pressure and low-pulsation dosage.

### **The starting situation**

The membrane pumps that were used have not always carried out this work to a satisfactory degree. Due to their specific construction, membrane pumps pulsate, which has a negative effect on precise dosage. An alternative was sought: the requirements were that it should enable precise dosage and should also cut costs. A decision was very quickly made to use a progressive cavity pump. This pump type works almost without pulsation, while its specific construction is service-friendly and not susceptible to faults.



**seepex BN range pumps convey ingredients for cosmetics into a mixing system**

### The solution

In view of the fact that the replacement of individual pumps would not provide the desired result, the manufacturer decided on a "clean sweep". The company turned to seepex to cooperate in drafting a solution. seepex developed an overall solution for the complete system, including on-site commissioning. A total of 18 pumps of the BN range were installed with different transport performances, replacing the pulsating and cost-intensive membrane pumps.

### The benefit

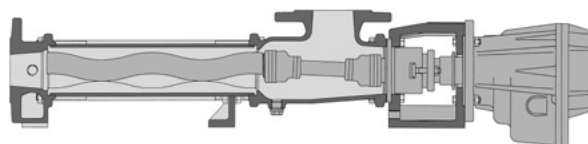
"We are happy that we now have seepex pumps in operation. The pumps run perfectly and match the specified transport values."

#### Key Facts

- Low-pulsation transport
- High dosage precision
- Development of an overall concept

#### Significant Cost Savings

- Low capital costs
- Low maintenance



#### Installed Pump Type

- Range BN

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