

2 minutes application break

Shampoo

Facts

Origin Germany

Dates back Early 20th century

Ingredients Water, oils, and surfactants

Cleaning and conditioning the hair and scalp.

MixSing Vacuum



Design

Shear	CFD simulations confirms $>200,000 \text{ s}^{-1}$
Design	According to European legislation and CE marked
Hygiene	Complying with EHEDG guidelines
Viscosity	Up to 1,500 cP
Accessories	Vacuum system
Materials	Stainless steel: AISI 316L. All materials: EC 1935

Insight

Shampoo is a hair care product for cleaning the hair and scalp. It typically consists of a mixture of water, oils, and a surfactant, a substance that helps remove dirt and oil from the hair.

The history of shampoo can be traced back to ancient civilizations, where people used various natural substances such as clay, herbs, and ashes to clean their hair. In ancient India, for example, a mixture of herbs and the sap of the soapberry tree was used as shampoo. In ancient Rome, people used a mixture of ashes and animal fat to clean their hair.

The commercial production of shampoo as we know it today began in the early 20th century.

In the early 1900s, the first commercial liquid shampoo was created by Hans Schwarzkopf in Germany, which used a mixture of water, alkali, and oils. This was followed by the development of synthetic surfactants, which made it possible to create a wider variety of shampoos with different properties and functions.

During the 1950s, shampoo became more widespread as it was heavily advertised and marketed. In the following decades,

different types of shampoo with different ingredients, fragrances, and packaging were created to target different consumer groups. Other types of shampoo were developed for different hair types, such as dry, oily and normal hair.

In recent years, there has been a growing trend towards using more natural and organic ingredients in shampoo and a renewed interest in traditional hair care methods. There has also been an increase in the development of specialized shampoos for specific hair types and concerns, such as shampoos for colour-treated hair, dandruff, and hair loss.