



Replacing
Lanolin Wax
in Emulsions
With Kester
Wax CT

INTRODUCTION

Lanolin wax is the semisolid fraction from whole lanolin. It is used as a hair or skin-conditioning agent, viscosity modifier and binder.

Most personal care products with lanolin wax fall into the "Hair Styling" category. We have found the systems are thick emulsions with a high percentage of lanolin wax. These products are typically categorized as stylers, waxes, putties, or fibers.

Koster Keunen has determined that Kester Wax CT:

- Can replace up to 10% lanolin wax in firm emulsion hair stylers.
- Can act as a direct replacement depending on the type of lanolin wax and the amount to be replaced.

Kester Wax CT is a vegan, soft-solid wax. In addition to being a replacement for lanolin wax, it offers emolliency, thickening and moisturization to both skin and hair formulations.

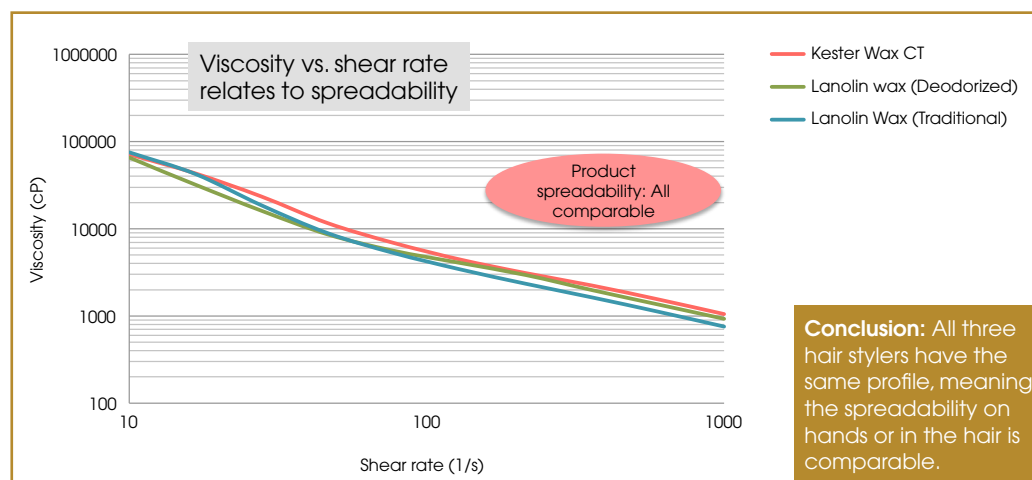
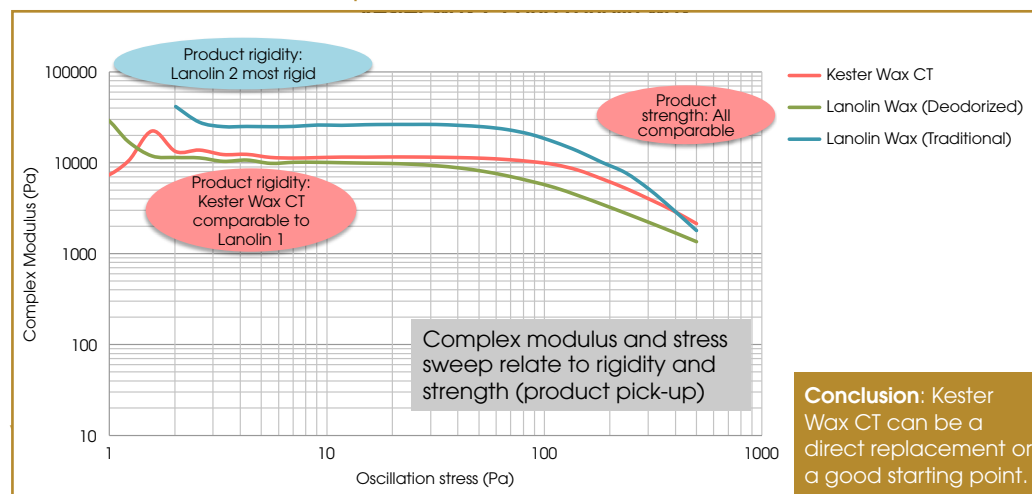
INCI: C32-26 Isoalkyl Stearate, Polyhydroxystearic Acid, Stearyl Behenate, Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polysorbate 60.

STYLING WAX

Rheology Studies

The styling wax formulas were subjected to rheology measurements and profiling using a Thermo Scientific HAAKE™ MARSTM Rheometer.

Oscillation Stress Sweep



Sensory Panel

Ten participants were selected for panel testing. Panelists were given the three styling waxes listed above and provided detailed directions regarding proper application and evaluation procedures.

Kester Wax CT and Lanolin Wax: Consumer Evaluations

