



REDUCED WET COMB FORCE OF TEXTURED HAIR WITH FLORAESTERS K-100® JOJOBA IN A CONDITIONER

CS 19-122



Floraesters® K-100 Jojoba in a Rinse-Out Conditioner Reduced Wet Comb Force of Textured Hair



Objective:

To evaluate Floraesters K-100 Jojoba for its potential to improve hair conditioning of textured hair as measured by wet comb force.

Method:

Conditioners with and without 1% Floraesters K-100 Jojoba were applied to the hair tresses. Wet comb force measurements were taken at baseline and post-conditioner treatment.

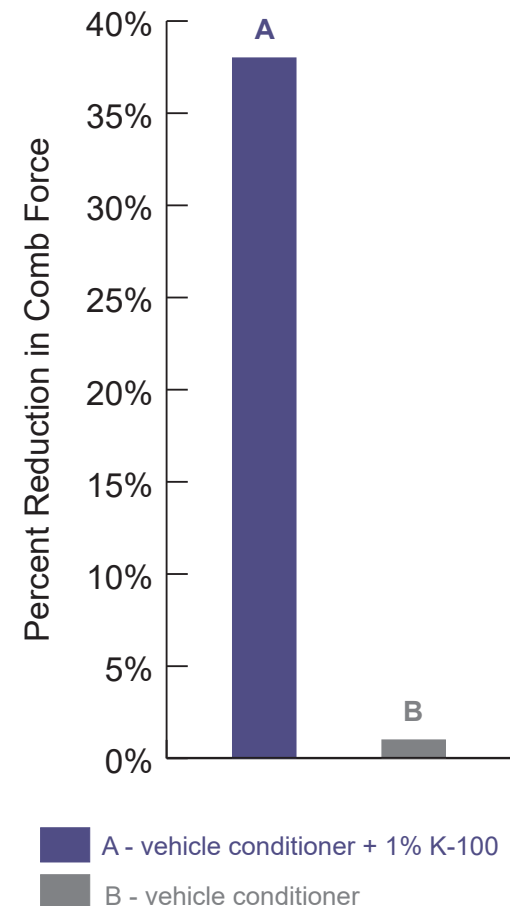
Results:

The rinse-out conditioner containing 1% Floraesters K-100 Jojoba **reduced wet comb force 50 times more than the vehicle conditioner.**

A = vehicle conditioner + 1% Floraesters K-100 Jojoba / B = vehicle conditioner

Vehicle Conditioner (%wt/wt): Water (q.s.), Glyceryl Stearate (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate (6.0%), Cetyl Alcohol (2.0%), Propanediol (1.0%), Polyglyceryl-2 Stearate (1.0%), Ethylhexyl Methoxycinnamate (and) BHT (1.0%), Theobroma Grandiflorum Seed Butter (and) Tocopherol (1.0%), Prunus Amygdalus Dulcis (Sweet Almond) Oil (1.0%), Ethyl Macadamiate (1.0%), Phenoxyethanol (and) Caprylyl Glycol (and) Ethylhexylglycerin (and) Hexylene Glycol (0.8%), Fragrance (0.5%), Tocopheryl Acetate (0.5%), Hydroxyethylcellulose (0.1%), and Disodium EDTA (0.1%).

Reduction in Wet Comb Force



Floratech Ingredient: Floraesters K-100 Jojoba

The clinical study of Floratech® test formulation (CTL_15-060) was conducted on naturally tightly coiled, 5 inch long textured hair tresses (DeMeo Brothers Inc.) that were washed with a 10% sodium lauryl sulfate solution prior to use in the study (n=8 tresses per test article). Treatment consisted of a 30 second rinse, 1 application of 1 mL of the test article per 1.5 g of hair, a 30 second massage, 30 seconds of combing, and another 30 second rinse. Peak comb force (gram-force) measurements were made using a Test Resources Q Series (100Q) Universal Testing Machine (TestResources, Inc.). The study was blinded and carried out under controlled temperature and humidity conditions. The inclusion of Floraesters K-100 Jojoba resulted in statistically significant ($p < 0.001$) reductions in wet comb force compared to the vehicle test article and compared to baseline. [Clinical Study 15-060 Phase I (Textured Hair) report available upon request.]