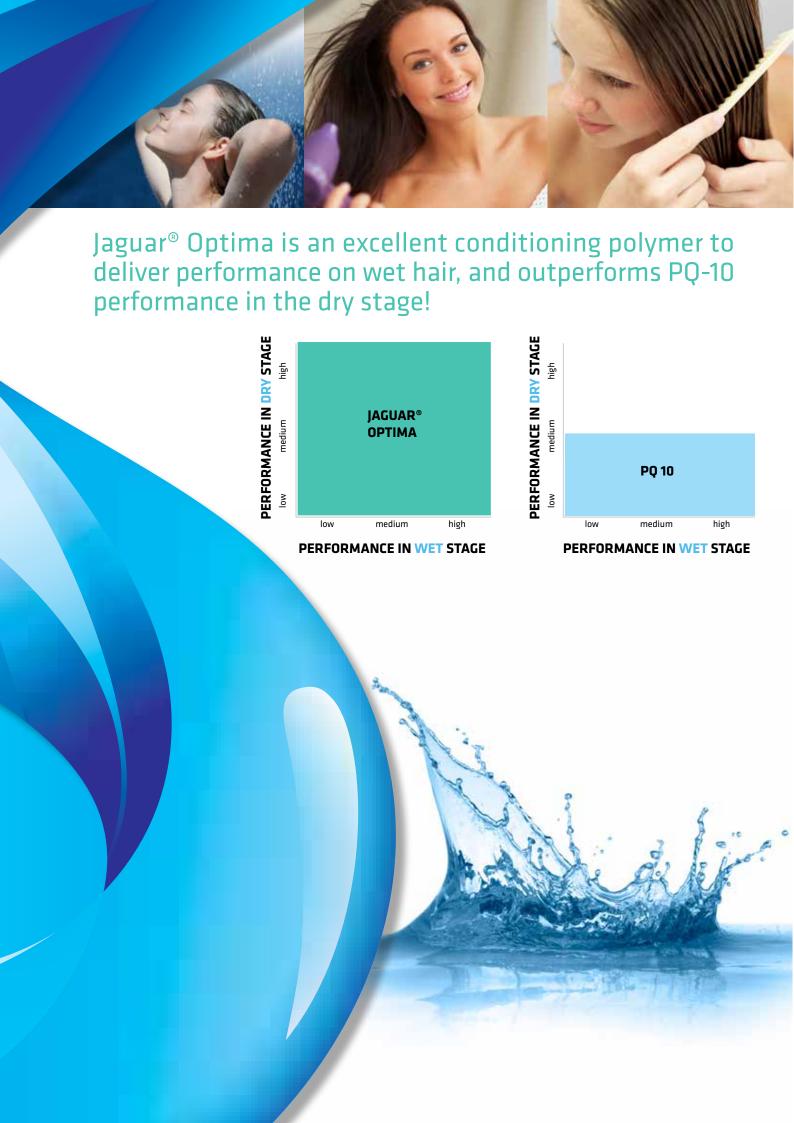




Jaguar® Optima

A unique experience for clean, smooth and healthy looking hair

Beauty & Care



Jaguar[®] Optima

A unique naturally-derived solution for oil-based and silicone-free shampoos offering conditioning performance even in sulfate-free formulations!

Most consumers choose their shampoo based on their hair type: normal, slightly damaged, color treated, thin... and the corresponding benefits: clean, shine, smooth, silky... Shampooing is necessary to feel clean and good-looking, but to save time many consumers use conditioning shampoos.

Flat hair from oil build-up?

Silicone-based conditioning shampoos are efficient in wet hair combing while delivering hair shine and softness on dry hair, but have a negative effect of weighing down hair from greasy hair roots due to build-up over time. Silicones protect hair from damage by leaving a film on hair fibers; but this film is said to limit penetration of moisture, actives and color into hair fibers.

Consumer desires:

- ▶ Long-lasting clean, lightweight feel
- Hair is soft, shiny and healthy looking

The balanced shampoo leaving clean roots and soft lengths has not yet been found!

Damage Level

None/Slight	Medium	High
0.2 to 0.3% Jaguar® OPTIMA	0.3 to 0.7% Jaguar® OPTIMA	0.3 to 0.7% Jaguar® OPTIMA + 0.5 to 1.5% Insoluble conditioners (e.g. natural oils or butters)

Formulate with Jaguar® Optima

INCI: Guar Hydroxypropyltrimonium Chloride

- 100% solids powder
- ▶ Recommended dose: 0.2 to 0.7%
- Excellent conditioning in sulfate-based and sulfate-free shampoos;
 as sole conditioner and in combination with oils
- For Thin, Dry, Colored, and Damaged Hair

Performance in formulation

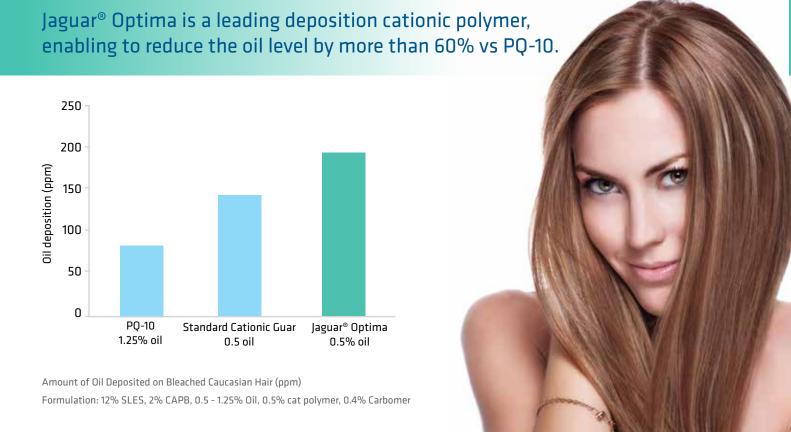
- Naturally derived conditioner
- ▶ White creamy foam
- Outstanding conditioning performance in sulfate-free and silicone-free formulations
- ▶ Smooth wet feel, light dry hair
- ▶ Formulation flexibility with deposition of silicone and oils

Feel Unique!

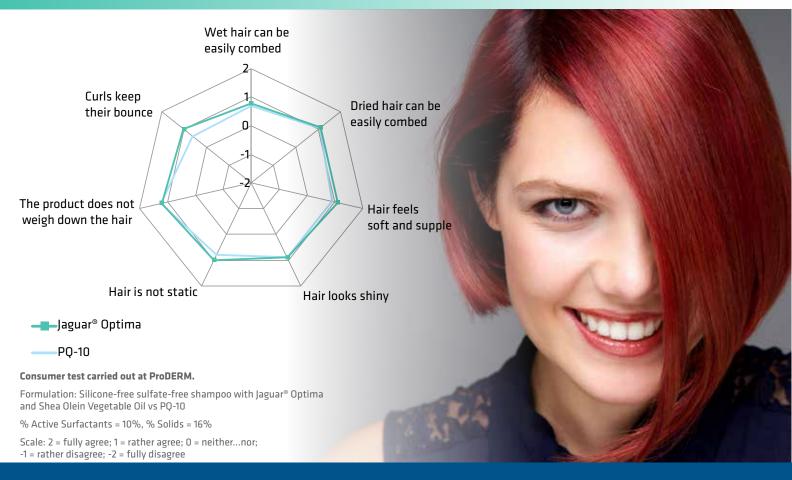
- ▶ Ease of wet and dry combing
- Quick rinse, rich wet feel
- Superior hair softness and suppleness
- D Clean dry feel
- No build-up on hair



Oil Therapy For Color Treated and Dry Hair

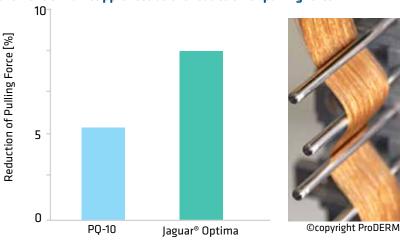


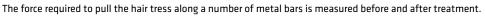
Add shine and bounce to **COLOR TREATED** hair with Jaguar® Optima. Colored hair becomes supple and shiny, full of health!



With Jaguar® Optima, suppleness is significantly improved on **COLOR TREATED** hair

Measurement of hair suppleness as the reduction of pulling force





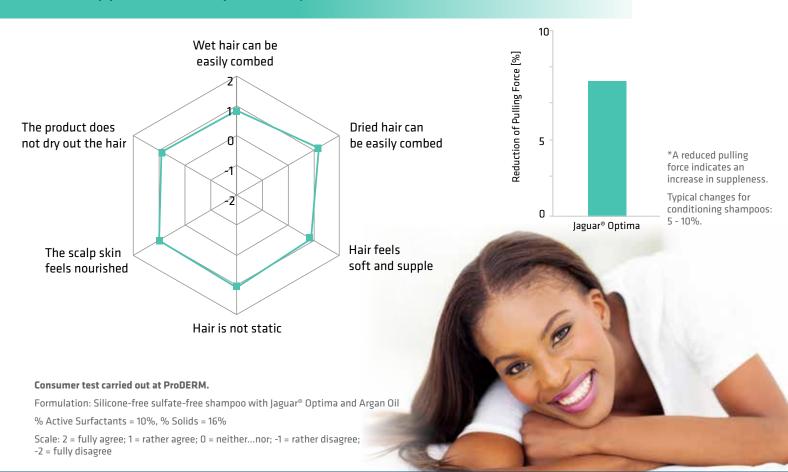
A reduced pulling force indicates an increase in suppleness: Typical changes: 5 - 15%; Conditioning shampoos: 5 - 10%; Conditioners: 10 - 15%.

Hair Suppleness Measurements on Bleached European Hair [%] - ProDERM

Formulation: Sulfate-free shampoo with 0.5% of cationic polymer and Shea Olein Vegetable Oil



DRY HAIR is easy to comb and smooth; and the scalp feels nourished! Hair suppleness is improved by 7%!*

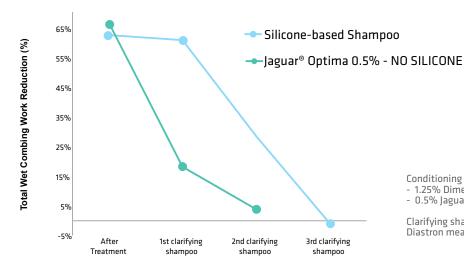


Oil-free Conditioning For Thin and Moderately Damaged Hair



Get the conditioning, not the silicone filming!

Jaguar® Optima shampoo delivers a conditioning similar to that with silicone, but is easier to remove from hair compared to silicone which remains on hair even after 2 clarifying shampoos.



- Conditioning shampoo: 12% SLES, 2% CAPB: 1.25% Dimethicone + 0.4% Carbomer + 0.2% Jaguar® C14s
- 0.5% Jaguar® Optima

Clarifying shampoo: 12% SLES, 2% CAPB (no conditioning agent) Diastron measurement.

THIN HAIR washed with Jaguar® Optima shampoo is easy to comb and looks clean. It feels supple and soft but is not weighed down after multiple washes!



Oil-free Conditioning For Thin and Moderately Damaged Hair

Superior results displayed by Jaguar® Optima vs silicone on MODERATELY DAMAGED HAIR.

Damaged hair is easy to comb, feels soft and supple, and looks shiny without the use of conditioning oils such as silicones or vegetable oils!



Consumer test carried out at ProDERM. Results after 5 washes.

Formulation: Silicone-free shampoo with Jaguar® Optima (12.3% SLES, 2% Cocamidopropylbetaine, 0.7% Jaguar® Optima); benchmark: silicone-based shampoo (12.3% SLES, 2% Cocamidopropylbetaine, 0.2% Jaguar® C14S, 0.5% dimethicone)

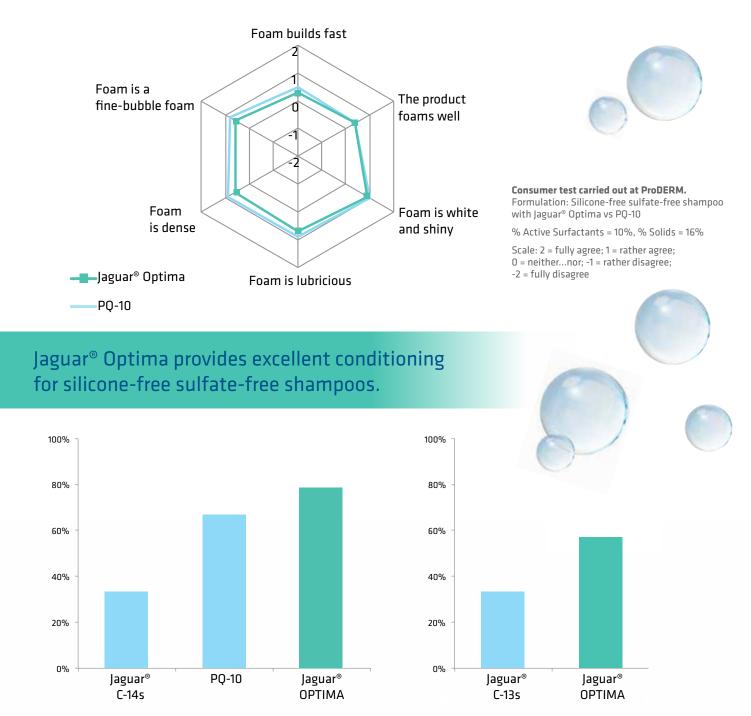
Scale: 2 = fully agree; 1 = rather agree; 0 = neither...nor; -1 = rather disagree; -2 = fully disagree

Some hair types can demand more mildness: Jaguar® Optima improves performance in mild sulfate-free shampoos.

Sulfate-free cleansers containing Jaguar® Optima are as mild as water on skin and scalp!



Consumers with damaged hair have found the foam generated with the silicone-free sulfate-free Jaguar® Optima shampoo of good quality: fine bubbles, good density and texture, white and shiny. The foam volume and flash foam can be further adapted by fine tuning the surfactant base and surfactant levels.



% reduction of total combing work in the wet stage vs untreated hair (Diastron)

Bleached Caucasian Hair 10% Sodium Methyl Cocoyl Taurate, 4% Decyl Glucoside, 0.5% cationic polymer Bleached Caucasian Hair 4% Disodium Laureth Sulfosuccinate, 3.5% Sodium Cocoyl Isethionate, 2.25% Sodium Lauroamphoacetate, 0.5% cationic polymer

Hair Care Solutions With Jaguar® Optima



Pump your hair up!

(Total Solids: 15%)

This light silicone-free milky shampoo for thin hair cleanses the hair well laguar[®] Optima and provides effective conditioning and antistatic effects without weighing Mackam[®] SFB-E it down. It leaves hair feeling soft and supple without greasy build-up. Mackadet® OPR-1

> Water, Sodium Laureth Sulfate, Sunfloweramidopropyl Betaine, Sodium Chloride, Glycol Distearate, Sodium Benzoate, Carbomer, Guar Hydroxypropyltrimonium Chloride, Panthenol, Cocamidopropyl Betaine, Glyceryl Stearate, Citric Acid, Fragrance, Tocopherol Acetate, Preservative



Infuse life into your Hair!

(Total Solids: 17%)

This pearlescent silicone-free shampoo for moderately damaged Caucasian hair cleanses the hair providing fantastic conditioning and antistatic effects to moderately damaged hair without the use of any oil. The hair is easy to comb, looks shiny and feels soft and supple without any oil.

Water, Sodium Laureth Sulfate, Cocamidopropyl Betaine, Guar Hydroxypropyltrimonium Chloride, Glycol Distearate, Sodium Benzoate, Sodium Chloride, Carbomer, Fragrance, Citric Acid, Myristyl alcohol, Tetrasodium, EDTA, Preservative

Keep your color radiant!

Featuring: laguar® Optima Mackanate® EL Miranol® Ultra L32

Featuring:

For Thin Hair

For Colored Hair

Rheomer® 33T

(Total Solids: 16%)

This sulfate-free and silicone-free shampoo for colored hair formulated with shea olein and a UV-filter is suitable for color-treated or highlighted hair. It cleanses and conditions the hair with a rich and creamy foam whilst allowing color to resist successive washes. It leaves hair with lively color reflexes, looking shiny and feeling soft and supple; and curls keep their bounce!

Water, Disodium Laureth Sulfosuccinate, Sodium Cocoyl Isethionate, Sodium Lauroamphoacetate, Polyacrylate-33, Butyrospermum Parkii Oil, Guar Hydroxypropyltrimonium Chloride, Fragrance, Glycol Distearate, Panthenol, Benzophenone-4, Glycerin, Sodium Hydroxide, Cocamidopropyl Betaine, Glyceryl Stearate, Tocopherol, Preservative.

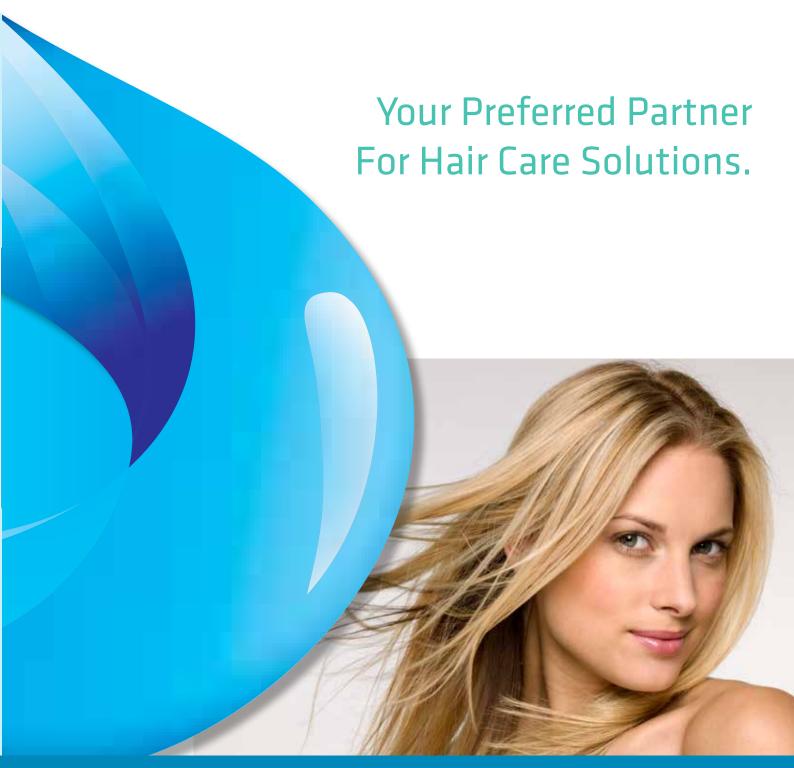
(Total Solids: 16%) Featuring:

This sulfate-free and silicone-free shampoo formulated with argan oil is suitable for dry hair. It smoothly cleanses with a rich and creamy foam without drying out the hair; and makes hair more supple, feeling soft; while the scalp feels refreshed and nourished.

Water, Disodium Laureth Sulfosuccinate, Sodium Cocoyl Isethionate, Sodium Lauroamphoacetate, Polyacrylate-33, Argania Spinosa Kernel Oil, Guar Hydroxypropyltrimonium Chloride, Fragrance, Glycol Distearate, Panthenol, Glycerin, Sodium Hydroxide, Cocamidopropyl Betaine, Glyceryl Stearate, Tocopherol, Preservative







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