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Care Ingredients

Our knowledge. Your formulations.

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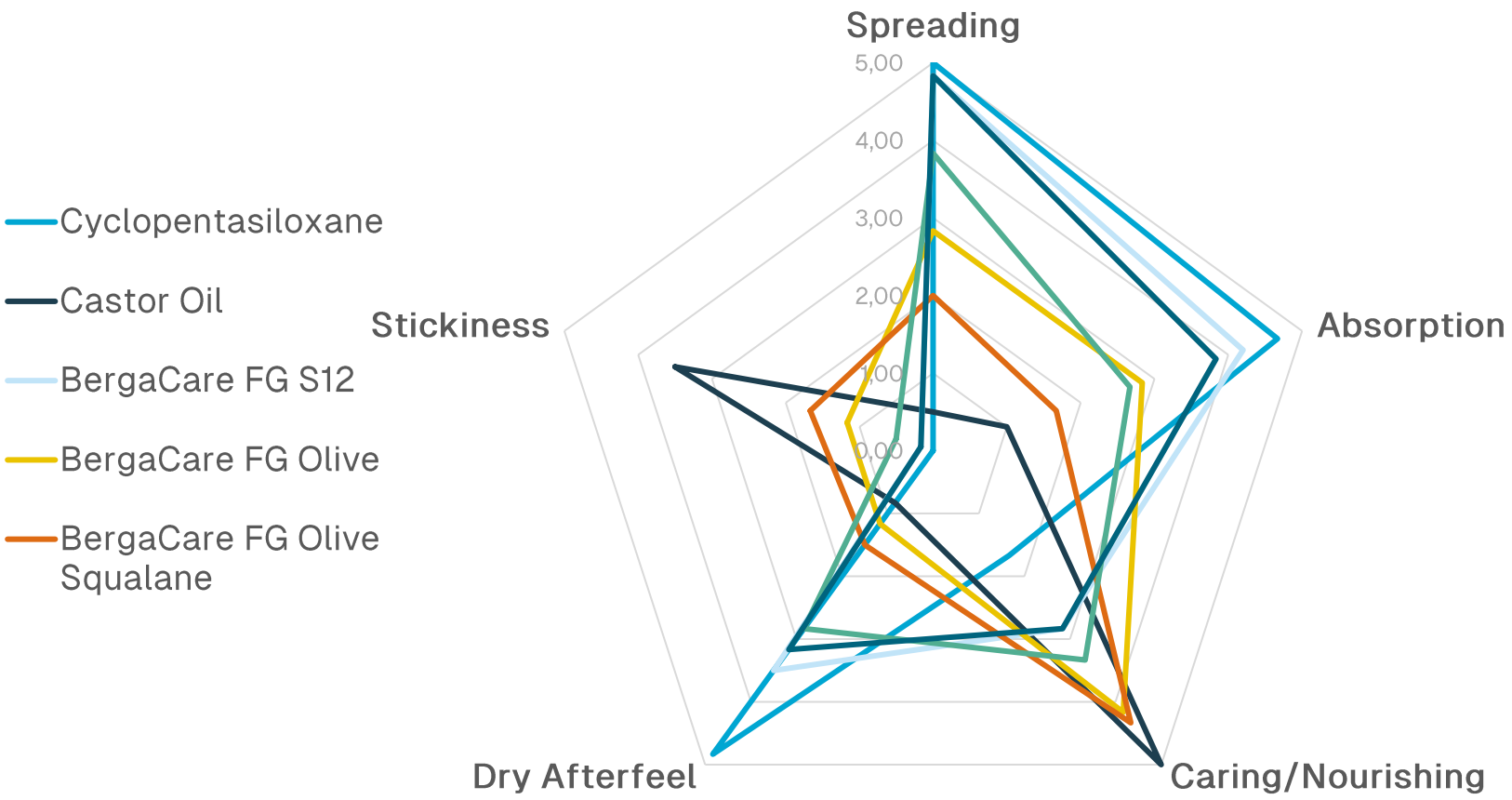
BergaCare FG range

Sensory evaluation



Emollients compared

Sensory Evaluation

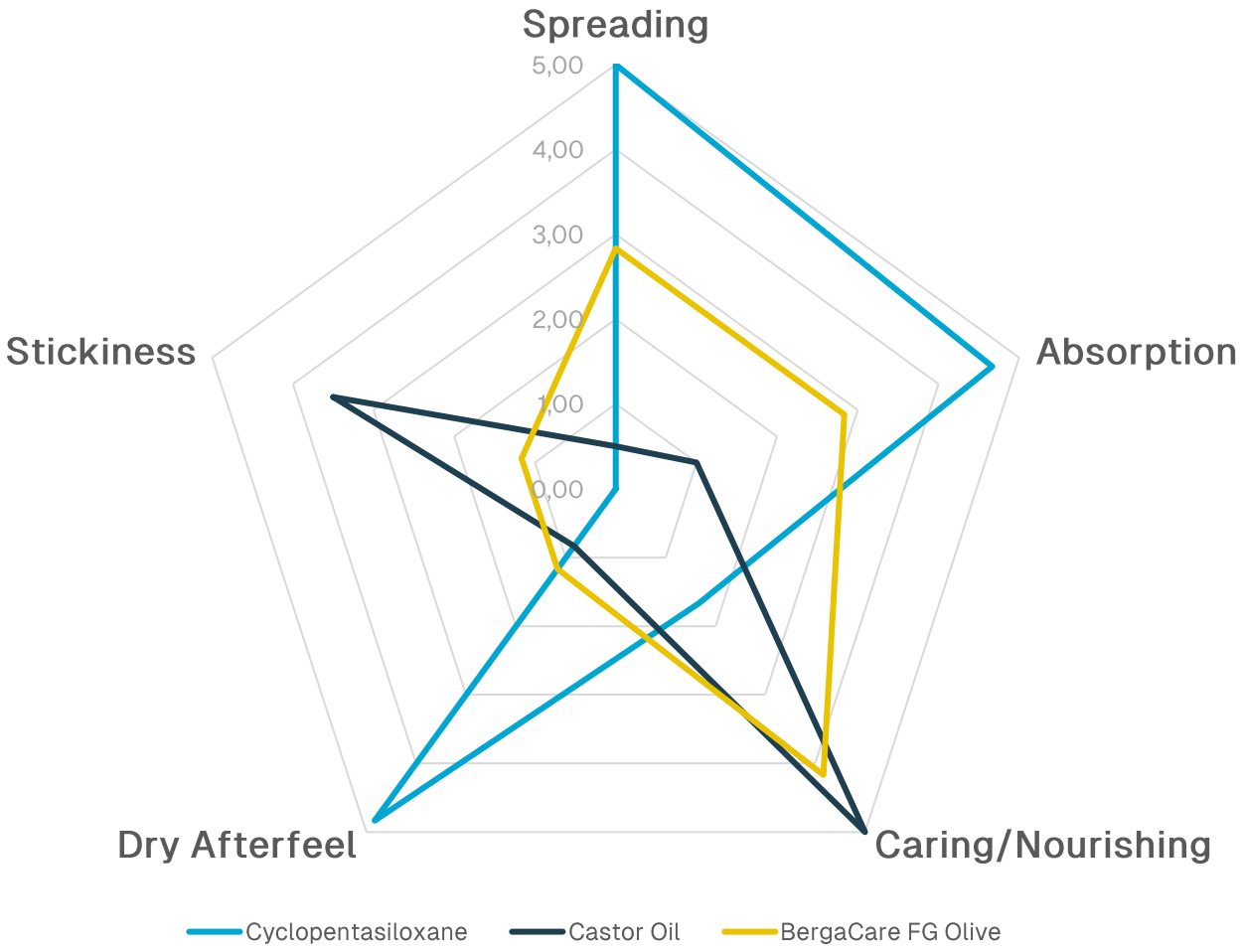


Sensory evaluation on the forearm.

→ Let‘s explain it step by step on the following slides!

Emollients compared

D5 vs. Castor Oil vs. BergaCare FG Olive



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D5 is the benchmark for high spreading, fast absorbing, dry and low-stickiness emollient.
BUT: not very caring

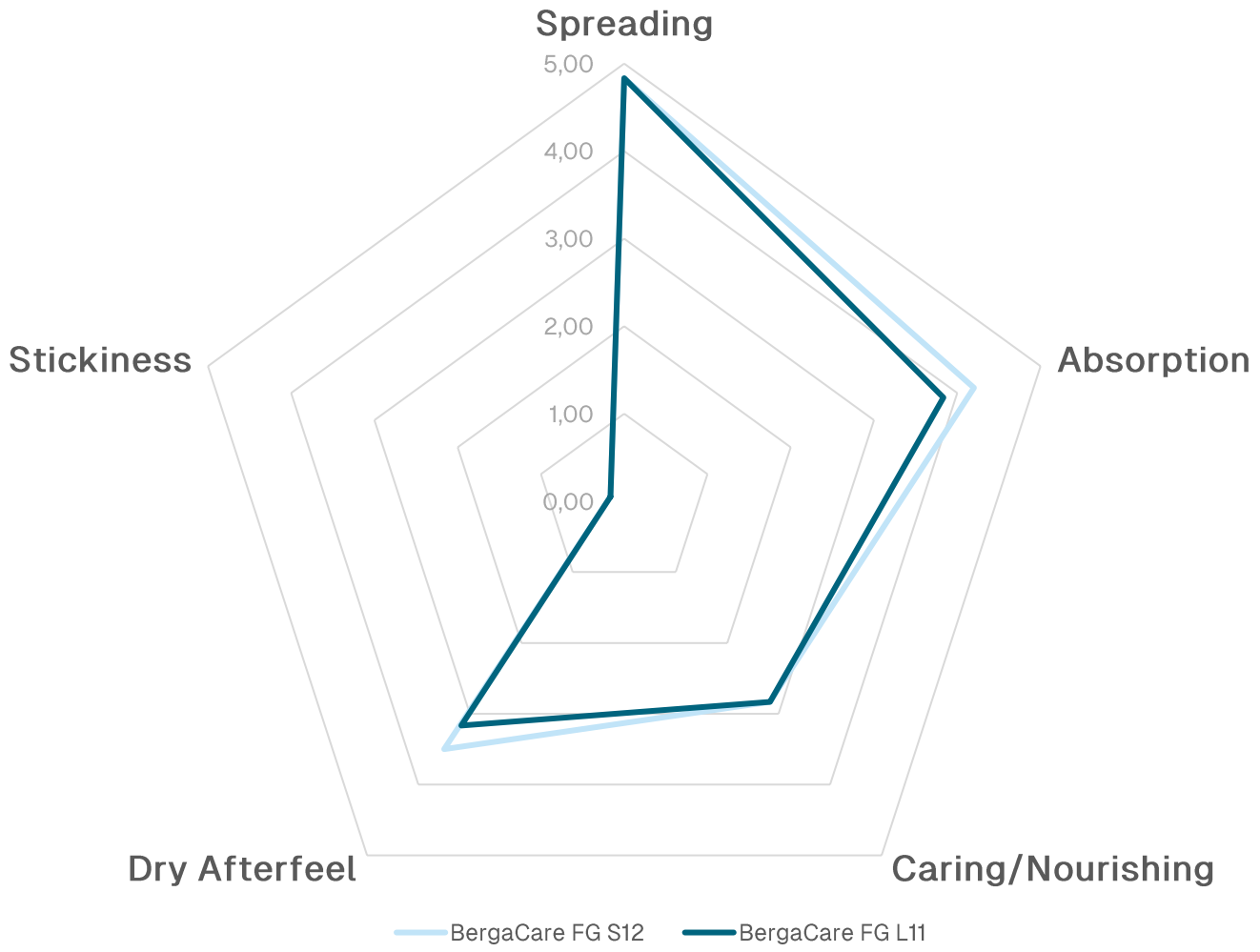
Castor Oil is the example for a high sticky, slow spreading, slow absorbing, non-dry and high caring emollient

BC FG Olive represents the balance between the two extremes

Cyclopentasiloxane (D5), Castor Oil and BC FG Olive are **completely** different.

BergaCare FG Range

BergaCare S12 vs. L11



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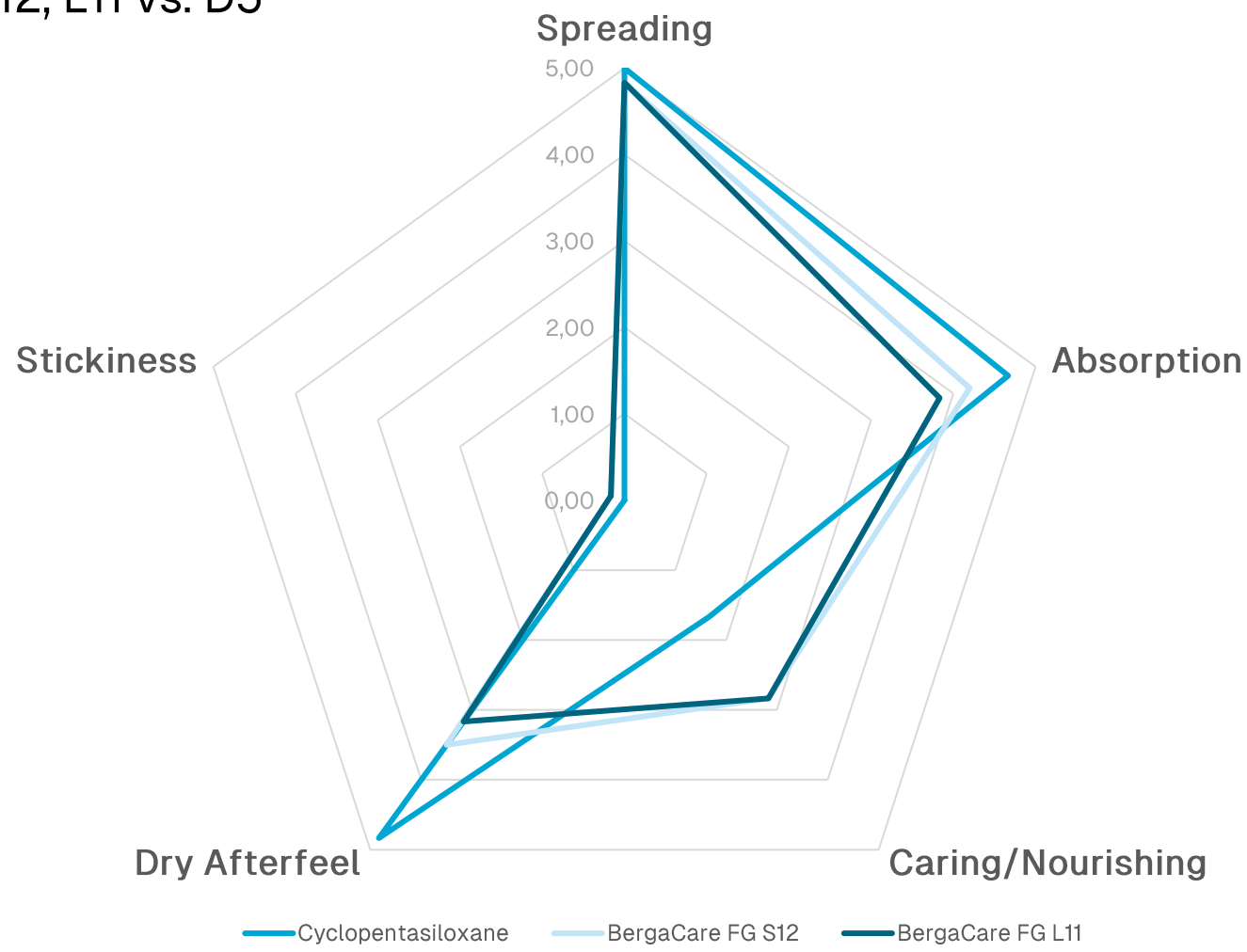
- No significant difference
- Tendency: S12 absorbs faster and is dryer

- BergaCare FG L11 for skin care
- BergaCare FG S12 for skin & hair

BergaCare FG S 12 and L11 are very similar.

BergaCare FG Range

S12, L11 vs. D5



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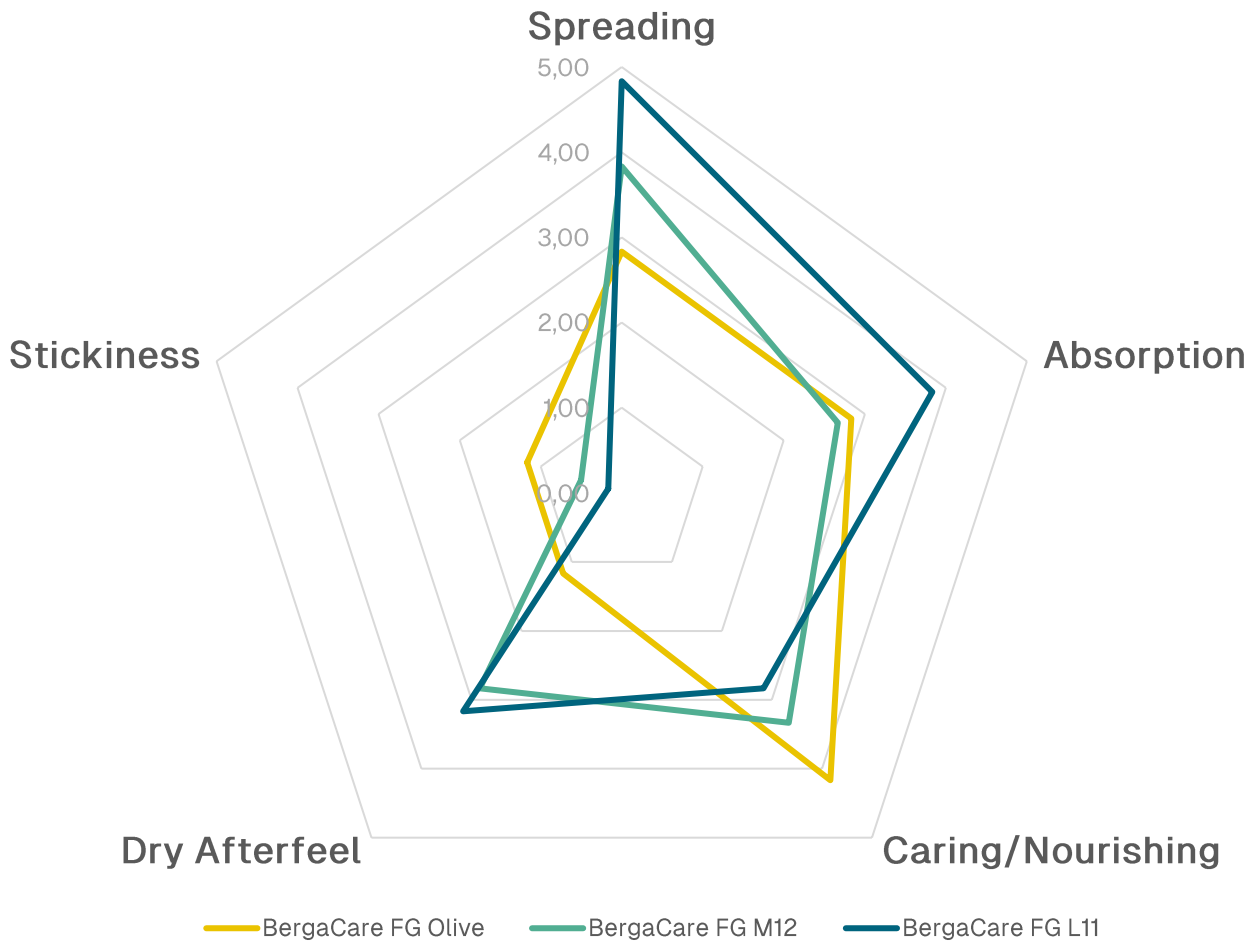
- S12 and L11 come closest to cyclomethicone D5 in terms of sensory and can serve as an alternative
- Cyclomethicone D5 is still unbeatable regarding dry afterfeel and absorption speed
- Spreading and non-stickiness on skin are a great match, but BergaCare FG products are more caring/nourishing

BergaCare FG S 12 and L11 are close to D5.

BergaCare FG Range

Bergacare FG Olive vs. M12 vs. L11



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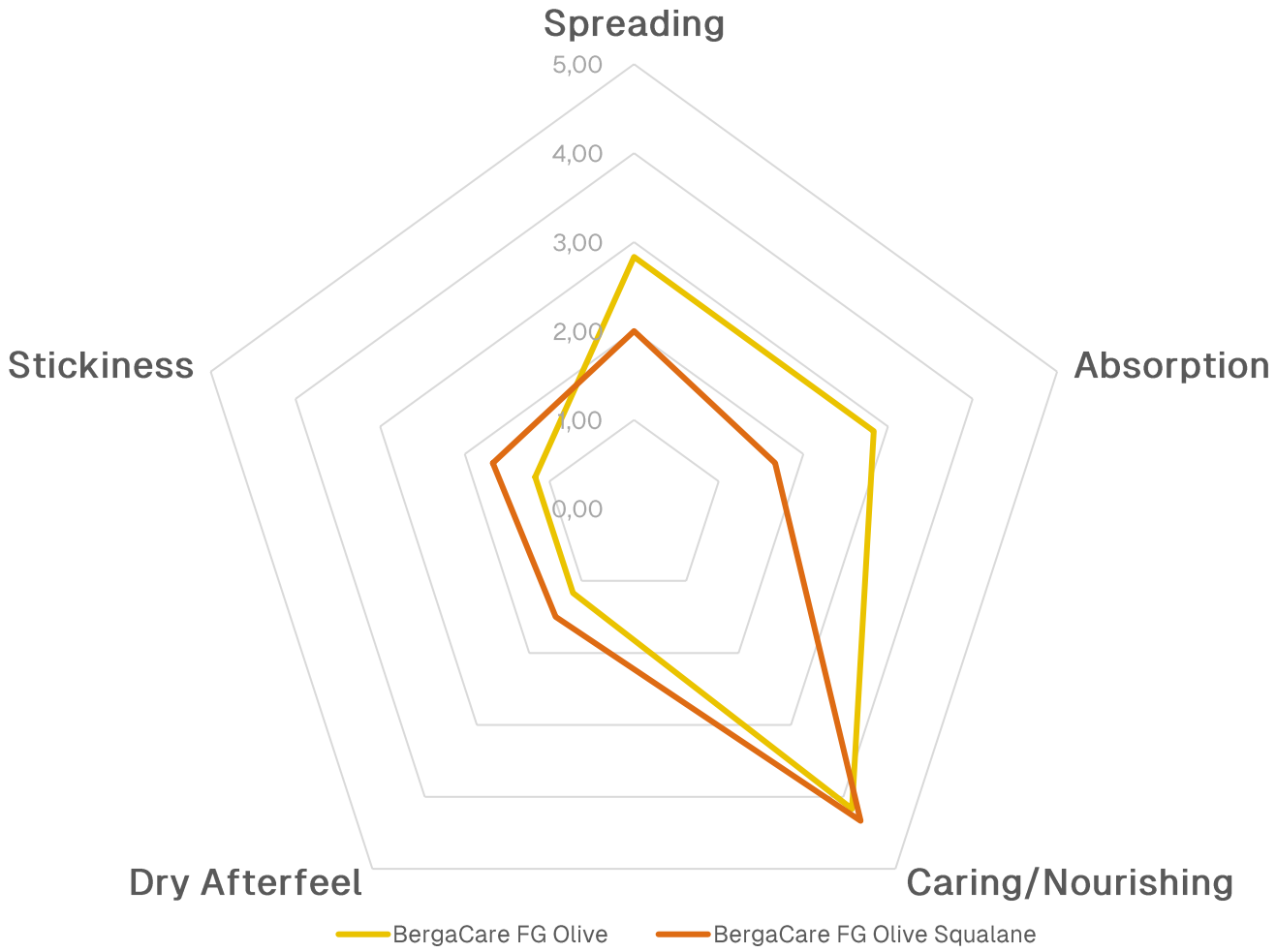
- Spreading: Olive < M12 < L11
- Caring: Olive > M12 > L11
- Stickiness: all close to nothing!
- Absorption speed: L11 > M12 = Olive
- Dry afterfeel: M12=L11, but Olive does not feel dry.

BergaCare FG Olive M12 and L11 are very different from each other.

BergaCare FG Range

Bergacare Olive Squalane vs. FG Olive



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- Squalane is considered an “active oil”, while the BergaCare FG types are emollients
- However, Squalane’s sensory resembles FG Olive in terms of low stickiness, dryness of afterfeel and high caring/nourishing factor
- This is not surprising because FG Olive contains a significant amount of squalane
- The pure squalane however is low in spreading and absorption speed

Squalane and BergaCare FG Olive are similar but not the same.

BergaCare FG Range

Summary

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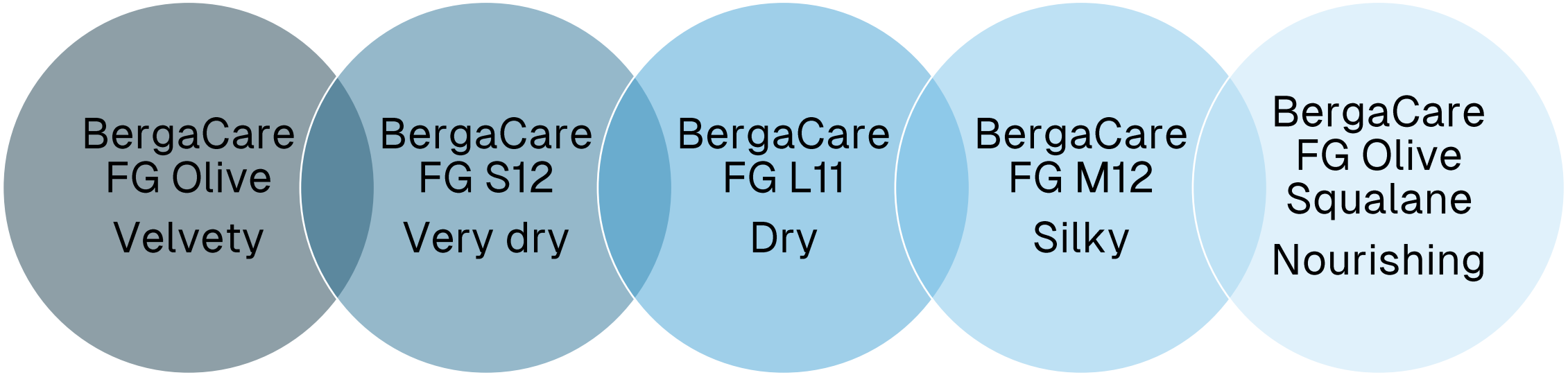

The BergaCare FG range offers a **broad sensory versatility**.

With its **diverse physical properties**, including volatility, viscosity, and spreadability, it offers extensive options to suit any formulation.

Which emollient will you use?

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Thank you!