

SynKos 2050 WAX # 858P

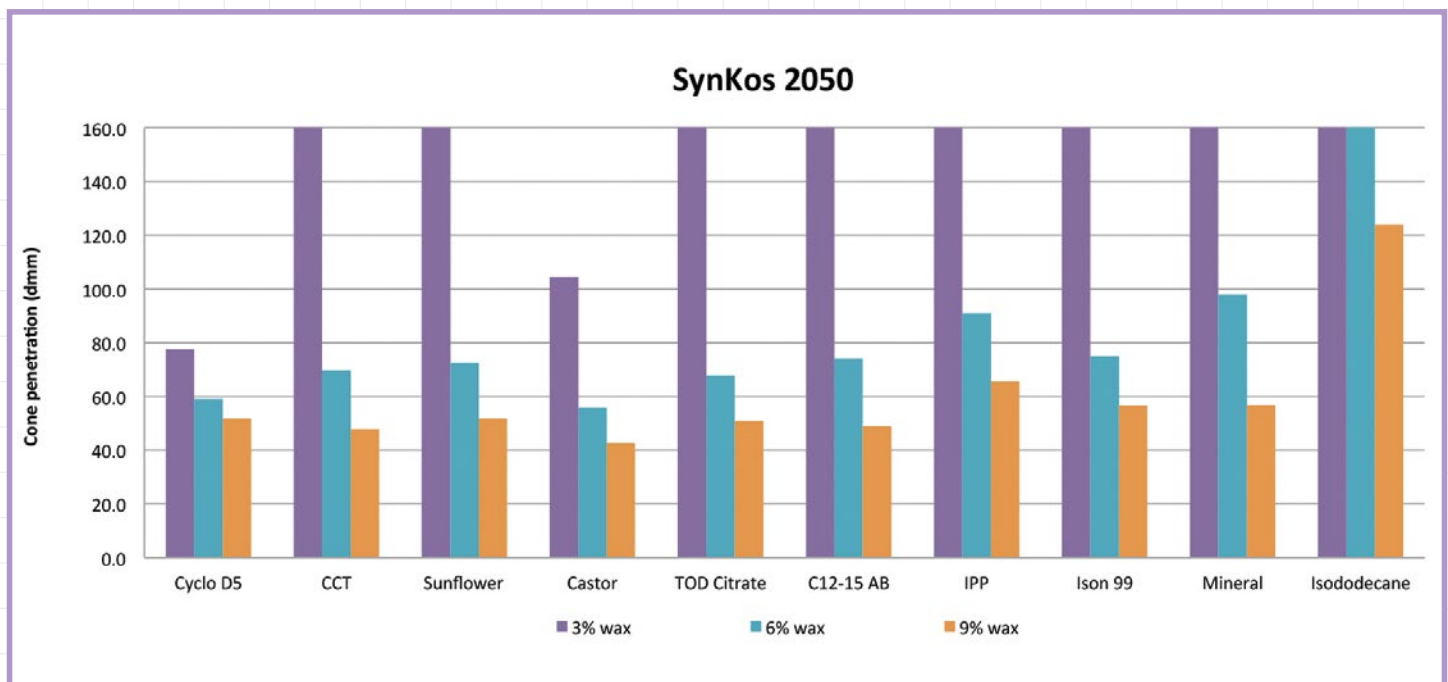
BENEFIT OVERVIEW

- Primary Structurant
- Gelling Agent
- Viscosity Builder
- Thickener and Stabilizer
- Film Former
- Slip Aid



GEL STRENGTH AND CONGEAL POINTS

Gel data is provided to show the strength of the gel formed and measured via cone penetration. The lower the cone penetration, the harder the gel structure. For example, a stick formula could have a penetration reading of 15-30 dmm, while a balm would register around 70-100 dmm.



SynKos 2050 Congeal Points (°F)

Congeval information is used to understand how the gel solidifies. By combining the gel data with congeal temperature data, formulators can better predict and understand the type of gel and texture they can expect on the bench.

	Cyclo D5	CCT	Sunflower	Castor	TOD Citrate	C12-15 AB	IPP	I.I	Mineral	Isododecane
3% wax	131.0	124.5	*	141.0	*	*	*	*	*	*
6% wax	140.0	131.0	129.5	150.0	127.0	118.0	116.5	115.0	109.0	*
9% wax	142.5	137.0	134.0	153.5	134.0	123.0	118.0	121.0	113.0	135.0

* All Congeal Points were tested. Missing data points denotes weak gel or liquid.

