

TOKO[®] *TECH BULLETIN*

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WHEN TO USE HELX

Toko HelX is setting the ski world on fire with circulating first hand accounts of “fastest skis ever” or “my skis were so fast, it was like I was skiing in different conditions”. However, this will not be the case in every condition – not at all. HelX should only be used when the conditions call for it.

There are two formulations of HelX – Cold and Warm. As a general rule, both HelX Cold and Warm require moisture in the snow in order to run fast – the snow needs to be at least “snowball snow” (meaning one can easily make a snowball and it sticks together). HelX Cold should be used from the beginning of snowball snow conditions (generally around 15 F air temp) to when snow is getting wet (high 20s). HelX Warm should be used from when the snow is starting to get wet (mid 20s) to really wet (the warmest temperatures). Generally speaking, the wetter the snow or the more the snow is glazing, the better HelX will be. Also, there is a range where both HelX Cold and HelX Warm are both very good (most of the 20s in air temperatures).

Some get frustrated when recommendations are not made in absolutes. Please understand that air humidity, air temperature, and snow temperature are all indicators of snow crystal type and especially of snow moisture content. HelX runs when the snow contains moisture – snowball snow, glazing snow, and wet snow.

For the most part, these are the conditions where JetStream New Snow runs well (new fallen wet or glazing snow). HelX outruns JetStream New Snow generally, so for this reason, we don't use JetStream New Snow so much anymore. This said, if you do not want to invest in HelX until your JetStream New Snow runs out, please substitute JetStream New Snow for HelX in the recommendations.

JetStream Old Snow is still used a lot. It runs very well in all types of corn snow. It is also excellent in powder snow that does not have enough moisture for HelX to go well. JetStream Old Snow is still the most versatile Fluorocarbon on the market.

Please see our last Toko Tech Bulletin from 16 December 2003 on [Application of HelX](#) for information on applying Toko HelX. This information is also posted on www.tokous.com (look for Toko News and then for Tech Bulletins).

