



## Fluoro Policy at Nordiq Canada Sanctioned Races

### The Directive

- At the December 2018 Nordiq Canada Board meeting the Board asked the CEO to review a policy to eliminate use of fluoro waxes for Tier 2 events. In March 2019 the Events Committee reviewed and agreed to the following:

### The Recommendation

- Nordiq Canada revise the Nordiq Canada Competition Registration and Sanctioning Policy (2.2.1) to include the provision that in all Tier 2 sanctioned events medium and high Fluoro waxes are not permitted. Further, the recommendation would extend to include all Junior aged, non-FIS categories in Tier 1 sanctioned events.

### Guidelines

For all Tier 2 races (Provincial Cups, Provincial Champs, Nordiq Canada sanctioned events) the Nordiq Canada Fluoro policy would apply. This means that:

- High Fluoro (HF) or Medium Fluoro (MF) glide waxes, including HF or MF powders, pucks, blocks and liquids are NOT permitted.
  - Cold weather powder additives and hardeners are NOT permitted.
  - Grip powders are NOT permitted
  - Does not pertain to grip wax
1. Since the jurisdiction of Tier 2 races is a shared responsibility between Divisions and Nordiq Canada, a common rule and disciplinary process for coaches and athletes will be developed
  2. At competitions where Tier 1 and Tier 2 level races take place at the same time the policy would apply to all U18 and below age categories that are not sanctioned by FIS
  3. At competitions where categories are combined for seeding purposes the policy guidelines would align with the highest category in the combined class
  4. The program would be self-governed by all coaches, technicians, parents and athletes
  5. Assigned Technical Delegates will not be responsible for enforcing the Fluoro Policy



### Background

	What races occur within the tiers?	Jurisdiction and requirements
Tier 1	<ul style="list-style-type: none"> <li>NorAms/Canada Cups</li> <li>Nat Championships</li> <li>FIS sanctioned events</li> </ul>	<ul style="list-style-type: none"> <li>FIS &amp; Nordiq Canada although Divisions will add Prov Cups to younger categories</li> </ul>
Tier 2	<ul style="list-style-type: none"> <li>Provincial Cups</li> <li>Provincial Champs</li> <li>CCC sanctioned Pts events</li> </ul>	<ul style="list-style-type: none"> <li>Nordiq Canada sanctions Tier 2 competitions for insurance and Canada Points</li> <li>Divisions set TP, Nordiq Canada license or SMDL is required</li> </ul>
Tier 3	<ul style="list-style-type: none"> <li>Div Sanction</li> </ul>	<ul style="list-style-type: none"> <li>Div &amp; Club</li> </ul>

### Pros and Cons of the Flouro Waxes

	Pros	Cons
High Flouro	<ul style="list-style-type: none"> <li>It is often much faster (repels water and dirt) to have skis with fluoros on them either in powder, liquid, puck or gel form.</li> <li>The exception may be in very cold or dry snow but even that could be debated.</li> </ul>	<ul style="list-style-type: none"> <li>High flouro wax - high cost and safety concerns.</li> <li>Time consuming to apply</li> <li>Places undue emphasis on technology rather than the skier during developing years</li> </ul>
low or non-flouro	<ul style="list-style-type: none"> <li>much lower cost</li> <li>better safety plus it's generally easier to apply for your average Parent or ski club.</li> <li>Less stress for them ;) If a big Club has a 30 plus kids racing at an event it makes it easier and requires less testing.</li> </ul>	<ul style="list-style-type: none"> <li>a low flouro or non flouro wax will be slower especially as it gets warmer or snow is dirtier.</li> <li>Because it can be much slower athletes, coaches and techs may be tempted to push the boundaries of any policy in place.</li> </ul>



**Allowable Wax List**

<b>BRAND</b>	<b>TYPE</b>
<b>MAPLUS</b>	<b>GLIDER</b>
	LP15 Violet, Red, Yellow
	BP15 Violet, Red, Yellow
<b>GALLIUM</b>	<b>GLIDER</b>
	Hybrid Base Wax
	Graphite Base Wax
	Green
	Blue
	Violet
	Pink
	Kassoh Green LF
	Kassoh Blue LF
	Kassoh Violet LF
	Kassoh Pink LF
	PINK LF Paraffin (10C/0C)
	VIOLET LF Paraffin (3C/-4C)
	BLUE LF Paraffin (-3C/-12C)
	GREEN LF Paraffin (-10C/-20C)
	PINK Paraffin (10C/0C)
	VIOLET Paraffin (3C/-4C)
	BLUE Paraffin (-3C/-12C)
	GREEN Paraffin (-10C/-20C)
	<b>HOLMENKOL</b>
Alpha mix yellow	
Beta mix red	
Ultra mix blue	
Racing base LF21	
Racing mix wet	
Racing mix mid	
Racing mix cold	
Racing Base LF 21	
Fluomix White	
Natural Skiwax Paraffin	



<b>HOLMENKOL</b>	Alphamix Yellow
	Betamix Red
	Ultramix Blue
	Natural Skiwax Stick
<b>HOLMENKOL</b>	<b>LIQUIDS</b>
	Natural Ski Fluid
	Natural Skiwax Paste
	Natural Skiwax Spray
<b>MASTER</b>	<b>GLIDER</b>
	Professional Cold
	Professional Medium
	Professional Transformed
<b>OPTIWAX</b>	<b>GLIDER</b>
	NF2
	NF3
	NF4
	LF Base
	LF2
	LF3
	LF4
	ECO Glide Tape
<b>REX</b>	<b>GLIDER</b>
	Glider Red
	Glider Purple
	Glider Blue
	Glider Green
	Glider Black
	Base paraffin
	LF Pink
	LF Yellow
	LF Blue
	LF Green
	LF Black



<b>REX</b>	<b>LIQUIDS</b>	
	Base Oil 2.0	
	G41 UHW Green/Pink	
	G21 Graphite	
	G21 Blue	
	G11 Yellow	
	Glider Blue	
	Glider Purple	
	Glider Cleaner	
<b>RODE</b>	<b>GLIDER</b>	
	R20 Blue	
	R30 Violet	
	R40 Rossa	
	R50 Gialla	
	GLF10 Green	
	GLF20 Blue	
	GLF30 Violet	
	GLF40 Rossa	
	GLF50 Gialla	
	Rode Gliders:	
	<b>FAST CREAM</b>	
	Training Glider GLT	
	RodeMix Glider	
	Liquid Glider Multigrade	
	Wet Old Professional LF Wax (0C/-3C)	
	New Snow Professional LF Wax (0C/-5C)	
	Transformed Professional LF Wax (-1C/-6C)	
	Medium Professional LF Wax (-4C/-10C)	
	Cold Professional LF Wax (-7C/-14C)	
	Very Cold Professional LF Wax (-10C/-18C)	
	Wet Old Dark Professional LF Wax (0C/-3C)	
	Transformed Dark Professional LF Wax (-1C/-6C)	
	Medium Dark Professional LF Wax (-4C/-10C)	
	Cold Dark Professional LF Wax (-7C/-14C)	
	<b>RODE</b>	<b>LIQUIDS</b>
		RL Warm
	RL Med	
	RL Cold	



<b>SKI GO</b>	<b>GLIDER</b>	
	XC Yellow	
	XC Orange	
	XC Red	
	XC Violet	
	XC Blue	
	XC Green	
	XC Graphite	
	LF Yellow	
	LF Orange	
	LF Red	
	LF Violet	
	LF Blue	
	LF Green	
	LF Graphite	
	LF P16 Universal Paraffin	
	World Cup Base Wax Universal	
	<b>SKI GO</b>	<b>LIQUIDS</b>
		Easy Glide XC Universal
	Easy Glide XC Minus	
	Easy Glide XC Plus	
	LF Liquid Warm	
	LF Liquid Universal	
	LF Liquid Cold	
<b>SOLDA</b>	<b>GLIDER</b>	
	Performance WC Red	
	Performance WC Yellow	
	Performance WC Green	
	HC28	
	HC21	
<b>STAR</b>	<b>GLIDER</b>	
	NF2	
	NF4	
	NF6	
	NF8	



<b>STAR</b>	LF2	
	LF4	
	LF6	
	LF8	
	NF0 (fluor free)	
	LF0 (low fluor)	
	Map Black (Fluor free)	
	Map 200 (Fluor free)	
	Hot Box (Fluor free)	
	Racing Base (low fluor)	
	Block Universal (fluor free)	
	Block Cold (fluor free)	
	Uniblock Universal (fluor free)	
	Uniblock Cold (fluor free)	
	<b>STAR</b>	<b>LIQUIDS</b>
		LF Warm
	LF Med	
	LF Cold	
	NF Warm	
	NF Med	
	NF Cold	
<b>START</b>	<b>GLIDER</b>	
	BW	
	BWLF	
	BWG	
	SW	
	SWLF	
	Universal Glider	
	SG2	
	SG4	
	SG6	
	SG8	
	SG10	
	SG Graphite	
	FG12	
	FG14	
FG16		



<b>START</b>	FG18	
	LF2	
	LF4	
	LF6	
	LF8	
	LF10	
	LFXT RED FLUOR	
	LFXT PURPLE FLUOR	
	LFXT BLUE FLUOR	
	LFXT GREEN FLUOR	
	LFXT GRAPHITE FLUOR	
	<b>START</b>	<b>LIQUIDS</b>
		Easy glider
Easy glider cold		
LFXT RED FLUOR LIQUID		
LFXT PURPLE FLUOR LIQUID		
LFXT BLUE FLUOR LIQUID		
ULTRA GEL		
ULTRA GEL COLD		
ULTRA GEL FLUOR		
ULTRA GEL FLUOR COLD		
<b>SWIX</b>		<b>GLIDER</b>
		LF10
		LF8
	LF7	
	LF6	
	LF5	
	LF4	
	CH10	
	CH8	
	CH7	
	CH6	
	CH5	
	CH4	
	BP99	
	BP88	
	BP77	



<b>SWIX</b>	Moly fluor
	<b>LIQUIDS</b>
	CH4 liquid
	CH5 liquid
	CH6 liquid
	CH7 liquid
	CH8 liquid
	CH10 liquid
	SWF6LNC
	SWF7LNC
	SWF8LNC
<b>TOKO</b>	<b>GLIDER</b>
	Universal
	BP Green
	BP Blue
	BP Red
	BP Yellow
	Performance Black
	Performance Blue
	Performance Red
	Performance Yellow
	LF Dibloc Yellow
	LF Dibloc Red
	LF Dibloc White
	LF Dibloc Blue
	Nordlite (parafin only)
<b>ULLA</b>	<b>GLIDER</b>
	Grey
	Black
	Green
	Blue
	Violet
	Violet Black
	Red
	Red Black
	Pink



	Pink Black	
	Orange	
	Orange Black	
<b>VAUHTI</b>	<b>GLIDER</b>	
	LF Race Wet	
	LF Race Mid	
	LF Race Cold	
	LF Race Polar	
	LF Race Graphite	
	LF Race All Temp	
	LF Wet	
	LF Mid	
	LF Cold	
	LF Polar	
	LF Graphite	
	LF All Temp	
	GF Wet	
	GF Mid	
	GF Cold	
	GF Polar	
	GF Graphite	
	GF All Temp	
	SW Wet	
	SW Mid	
	SW Cold	
	SW Polar	
	SW Graphite	
	SW All Temp	
	<b>VAUHTI</b>	<b>LIQUIDS</b>
		LF Wet
		LF Mid
LF Polar		
GW Wet		
GW Mid		
GW Cold		
GW Polar		
GF Base		



<b>YES</b>	<b>GLIDER</b>
	NF Yellow
	NF Violet
	NF Green
	LF Yellow
	LF Red
	LF Violet
	LF Green