



2023 CANADIAN GRAND PRIX

16 - 18 June 2023

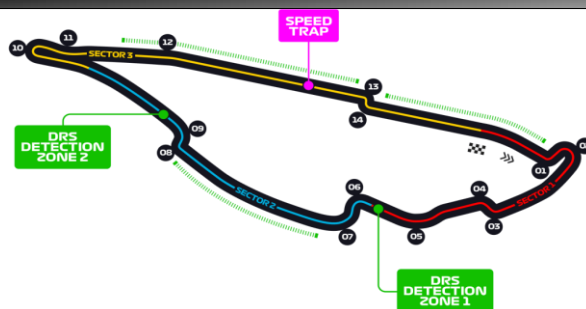
From	The FIA Formula One Race Director	Document	1
To	All Teams, All Officials	Date	14 June 2023
		Time	12:30

Title	Event Notes - Pirelli Preview
Description	Pirelli Preview
Enclosed	CAN DOC 1 - Pirelli Preview.pdf

Niels Wittich

The FIA Formula One Race Director

Grand Prix of Canada 16/06-18/06/2023 (23R09MTL)



Compounds selection

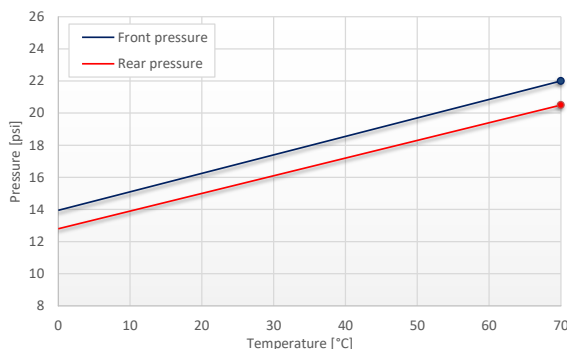
Compound	FL	FR	RL	RR	Mandatory race tyres
C3	3K1	3K2	3K3	3K4	C3
C4	4L1	4L2	4L3	4L4	C4
C5	5N1	5N2	5N3	5N4	
Intermediate	9G1	9G2	9G3	9G4	Q3 tyre
Wet	95R	96R	97R	98R	C5

Prescriptions

Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
Front	22.0 psi	23.5 psi	20.0 psi	≥23.5 psi	-3.25°
Rear	20.5 psi	21.5 psi	17.5 psi	≥22.0 psi	-2.00°

Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.115 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.11 + P_{startr}$$

P_{startf}: Minimum starting pressure on the front axle [psi]

P_{startr}: Minimum starting pressure on the rear axle [psi]

T: Tyre temperature [°C]

Maximum heating times and temperatures (tread & sidewall)

Temperature	0	60	70 (°C)
Slicks	max. 2h		
Intermediate	max. 2h		
Wet	No blankets allowed		

- Temperatures refer to tyre tread and side wall temperatures, not blanket or controller set-point temperatures.
- Tyres may only be heated prior to the session in which they are intended to be used.
- The temperatures apply at all times during the event.

Tyres notes

<ul style="list-style-type: none"> • Not permitted to switch tyres from their originally allocated position. • Do not subject tyres to large deformation or heavy impact. • Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission. • Revised prescriptions could be issued during the race weekend in accordance with TD003. 	<ul style="list-style-type: none"> • Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003 • Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003 • BLANKET HEATING TIME for each temperature range to be counted from the moment the blanket control unit is set to reach its targeted temperature within its correspondent interval.
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General notes

Teams are kindly reminded that the following will be subject to FIA checks during the event:

- Starting pressures
- Cold pressures (according to the cold pressure cooling curves)
- Re-heat pressures
- EOS Camber
- Maximum tyre temperatures and times in blankets
- Tyre swapping