



# 2023 JAPANESE GRAND PRIX

22 - 24 September 2023

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	1
<b>To</b>	All Teams, All Officials	<b>Date</b>	20 September 2023
		<b>Time</b>	12:35

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**Title** Event Notes - Pirelli Preview

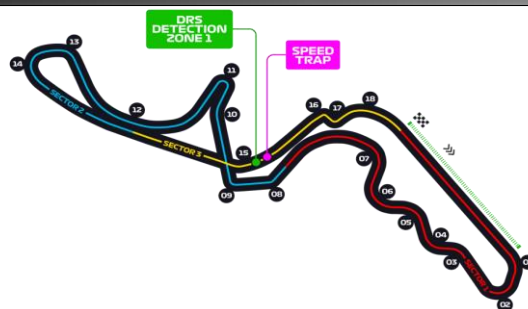
**Description** Pirelli Preview

**Enclosed** 23R17SUZ Preview - Issue A.pdf

**Niels Wittich**

**The FIA Formula One Race Director**

**Grand Prix of Japan 22/09-24/09/2023 (23R17SUZ)**



**Compounds selection**

Compound	FL	FR	RL	RR
<b>C1</b>	1T1	1T2	1T3	1T4
<b>C2</b>	2U1	2U2	2U3	2U4
<b>C2 Prototypes</b>	87J	88J	89J	90J
<b>C3</b>	3V1	3V2	3V3	3V4
<b>Intermediate</b>	9G5	9G6	9G3	9G4
<b>Wet</b>	95R	96R	97R	98R

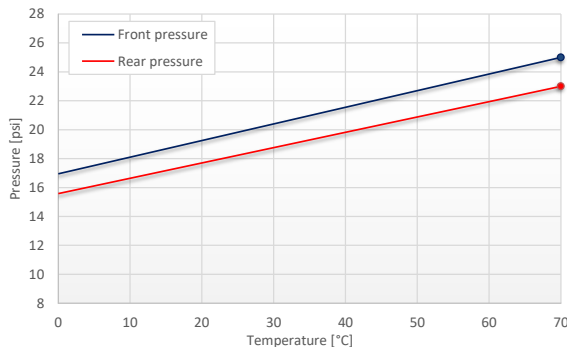
Mandatory race tyres
<b>C1</b>
<b>C2</b>
<b>Q3 tyre</b>
<b>C3</b>

**Prescriptions**

**Pressures & camber**

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	25.0 psi	26.0 psi	21.5 psi	≥27.0 psi	-2.75°
<b>Rear</b>	23.0 psi	24.0 psi	19.5 psi	≥25.0 psi	-1.50°

**Cold Pressure Cooling Curve**



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

$$P_{rear} = (T - 70) \cdot 0.106 + P_{startr}$$

*P<sub>startf</sub>*: Minimum starting pressure on the front axle [psi]

*P<sub>startr</sub>*: Minimum starting pressure on the rear axle [psi]

*T*: Tyre temperature [°C]

**Maximum heating times and temperatures (tread & sidewall)**

Temperature	0	60	70 (°C)
<b>Slicks</b>	max. 2h		
<b>Intermediate</b>	max. 2h		
<b>Wet</b>	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"> <li>• Not permitted to switch tyres from their originally allocated position.</li> <li>• Do not subject tyres to large deformation or heavy impact.</li> <li>• Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission.</li> <li>• Revised prescriptions could be issued during the race weekend in accordance with TD003.</li> <li>• Cut-off time for fitting tyres at an event on sunday morning: 4 hours prior to the race start</li> </ul>	<ul style="list-style-type: none"> <li>• Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003</li> <li>• Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003</li> <li>• 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.</li> </ul>
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**General notes**

<p>Teams are kindly reminded that the following will be subject to FIA checks during the event:</p> <ul style="list-style-type: none"> <li>• Starting pressures</li> <li>• Cold pressures (according to the cold pressure cooling curves)</li> <li>• Re-heat pressures</li> <li>• EOS Camber</li> <li>• Maximum tyre temperatures and times in blankets</li> <li>• Tyre swapping</li> </ul>
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