



2023 SAUDI ARABIAN GRAND PRIX

17 - 19 March 2023

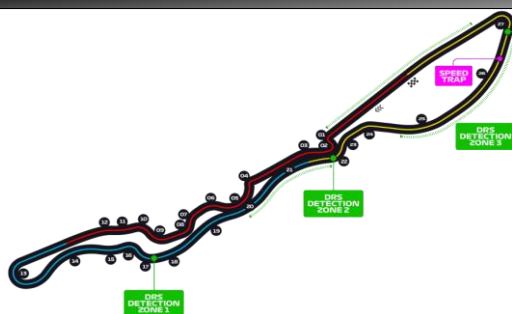
From	The FIA Formula One Race Director	Document	27
To	All Teams, All Officials	Date	18 March 2023
		Time	12:15

Title	Event Notes - Pirelli Preview v2
Description	Event Notes - Pirelli Preview v2
Enclosed	23R02JED Preview - Issue B.pdf

Niels Wittich

The FIA Formula One Race Director

Grand Prix of Saudi Arabia 17/03-19/03/2023 (23R02JED)



Compounds selection

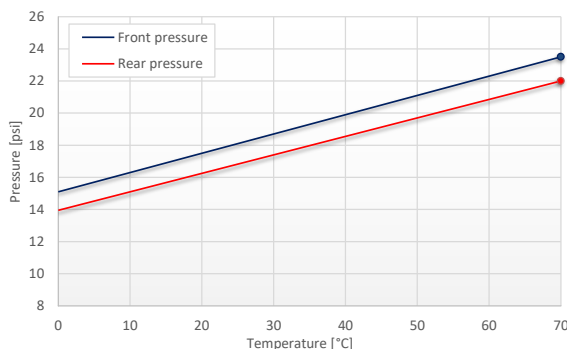
Compound	FL	FR	RL	RR	Mandatory race tyres
C2	2K1	2K2	2K3	2K4	C2
C3	3L1	3L2	3L3	3L4	C3
C4	4N1	4N2	4N3	4N4	
Intermediate	9G1	9G2	9G3	9G4	Q3 tyre
Wet	95B	96B	97B	98B	C4

Prescriptions

Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
Front	23.5 psi	24.0 psi	23.0 psi	≥26.0 psi	-3.25°
Rear	22.0 psi	21.0 psi	20.0 psi	≥24.5 psi	-1.75°

Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.12 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.115 + P_{startr}$$

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	40	60	70 (°C)
Slicks	max. 2h			
Intermediate	max. 2h			
Wet	max. 2h			

- 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