From The FIA Formula One Race Director
To All Teams, All Officials
Document 19
Date 11 June 2022
Time 12:05

Title Event Notes - Pirelli Preview V2
Description Event Notes - Pirelli Preview V2
Enclosed 22R08BAK Preview - Issue B.pdf

Niels Wittich

The FIA Formula One Race Director
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 in blankets
- Tyre swapping

Cold Pressure Cooling Curve

\[
P_{\text{front}} = (T - 70) \cdot 0.117 + P_{\text{startf}}
\]

\[
P_{\text{rear}} = (T - 70) \cdot 0.123 + P_{\text{startr}}
\]

- 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.

Prescriptions

**Minimum starting pressure**

<table>
<thead>
<tr>
<th>Compound</th>
<th>FL</th>
<th>FR</th>
<th>RL</th>
<th>RR</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3</td>
<td>3X1</td>
<td>3X2</td>
<td>3X3</td>
<td>3X4</td>
</tr>
<tr>
<td>C4</td>
<td>4G1</td>
<td>4G2</td>
<td>4G3</td>
<td>4G4</td>
</tr>
<tr>
<td>Intermediate</td>
<td>9G1</td>
<td>9G2</td>
<td>9G3</td>
<td>9G4</td>
</tr>
<tr>
<td>Wet</td>
<td>95B</td>
<td>96B</td>
<td>97B</td>
<td>98B</td>
</tr>
</tbody>
</table>

**Expected stabilized running pressure**

<table>
<thead>
<tr>
<th>Slicks</th>
<th>Intermediate</th>
<th>Wet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front</td>
<td>24.5 psi</td>
<td>24.5 psi</td>
</tr>
<tr>
<td>Rear</td>
<td>22.5 psi</td>
<td>22.5 psi</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Camber limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1.75°</td>
</tr>
</tbody>
</table>

**Camber limit**

-1.75°

**Expected stabilized running pressure**

-26.5 psi

-24.5 psi

**Minimum starting pressure**

<table>
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<td>95B</td>
<td>96B</td>
<td>97B</td>
<td>98B</td>
</tr>
</tbody>
</table>

**Camber limit**

-3.25°

**Minimum starting pressure**

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

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

\[
T: \text{Tyre temperature [°C]}
\]

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

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Slicks</th>
<th>Intermediate</th>
<th>Wet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>max. 3h</td>
<td>max. 2h</td>
<td>max. 2h</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>70 (°C)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tyres notes

- 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 15°C and/or any UV emission.
- Revised prescriptions could be issued during the race weekend in accordance with TD003.
- 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.

General notes

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