

## **Banked Oval Road Course Recommendations**

Hoosier Tire's circuit tire line is designed for flat road course applications throughout the country. However, as several sanctioning bodies include high banked oval road courses in their race schedules, Hoosier Tire customers must take note on the car and tire setup differences when running on these high banked oval road courses.

These recommendations must be adhered to or tire overloading will occur. High banked oval road courses include, but are not limited to, Daytona International Speedway, Texas World Speedway, Las Vegas Motor Speedway, Auto Club -Fontana Speedway, Homestead – Miami, Lowes Motor Speedway, Kansas Speedway, New Hampshire Int'l Speedway, Pikes Peak International Raceway, Pocono Raceway, Texas Motor Speedway and Watkins Glen Int'l. Although Watkins Glen Int'l is not a high banked oval road course, it does offer high speeds and loads similar to high banked oval road courses. Cold starting pressures also need to increase even further when an aero package used. This will produce additional down force and can damage race tires if air pressure is not increased.

### **GT1 16" Slicks – M compound**

Air Pressure: (Cold) 22 – 23 psi (Hot) 30 – 32 psi+

Camber Settings: Front: -2.0 degrees or less Rear: -2.0 degrees or less

### **GT PRO Slicks – S, MS, & M compounds**

#### **13" – 16" Wheels**

Air Pressure: (Cold) 22 – 24 psi (Hot) 28 – 30 psi+

Camber Settings: Front: -2.0 degrees or less Rear: -2.0 degrees or less

#### **18" Wheels**

Air Pressure: (Cold) 26 – 28 psi (Hot) 34 – 36 psi+

Camber Settings: Front: -2.0 degrees or less Rear: -2.0 degrees or less

**DOT – R7 / A7**

Air Pressure: (Cold) – Minimum starting pressures must be +10% higher than the recommended flat road course setting for your vehicle weight and tire size combination.

Air Pressure: (Hot) – The target hot pressures must be +10% higher than the recommended flat road course setting for your vehicle weight and tire size combination.

Example: If your recommended hot pressure is 36 psi for a flat road course, this must be elevated to 40 psi hot for a banked oval road course configuration ( $36 \text{ psi} \times 1.10 = 39.6 \text{ psi}$  or 40 psi).

Camber Settings: Front: -2.0 degrees or less      Rear: -2.0 degrees or less

**Historic Stock Car – R75A & MS compounds**

Air Pressure: (Cold) 23 – 25 psi      (Hot) 30 – 32 psi+

Camber Settings: Front: -2.0 degrees or less      Rear: -2.0 degrees or less

Please contact us before utilizing any Hoosier Tire not listed above at the tracks listed.

Being diligent in monitoring air pressure and your tire temperatures throughout each session at high banked oval road courses is strongly urged to ensure the safe and proper operation of Hoosier tires.

If you have any more questions about these recommendations, do call Hoosier Racing Tire at 574-784-3152.