

TECHNICAL BULLETIN

TB#: TB027

Date: 03/16/22

RE: Hankook Tire Management

Priority: Medium

Tire Aging:

Tires age even when not used or if they are only used occasionally; excessive aging of tires will lead to loss of grip. A race tire that is 12 month old is starting to be compromised.\

Always store tires indoors at temperatures from 32°F or 0°C to 106°F or 40°C.

Tires stored below freezing temperatures (32°F or 0°C) will lose rubber compound flexibility and may experience cracking when operated under such conditions

Tires stored above 106°F or 40°C can experience a degradation of compound resulting in a loss of grip.

Do's and Don'ts:

Never store in direct and prolonged exposure to sunlight, sources of high heat and humidity, long term storage in stacks.

Never use a tire that shows signs of fabric cords.

Never use a tire that has a flat spot.

Always use a metallic high temperature resistant tape to retain tire balancing weights.

Never use a tire that is worn beyond the "depth Indicator."

For Maximum performance:

Never re-mount a set of used tires on a set of wheels.

Never use a tire that is "shiny" blue.

Never let a race tire be below (32°F or 0°C) on a car.

Never mix and match a set of tires with various heat cycles.

Never exceed 10 heat cycles

Do not use "shop air" from a piston compressor.

Always scuff a set of tires and let cool back to ambient temperature.

Refer to Race Tire professionals such as Jeremiah Stotler from Apex or Joey Martin from Crown for additional information.

For additional information, please contact Crown Engineering: jmartin@crowncconceptsusa.com

For service, please contact Crown Trackside Sales: trackside@crowncconceptsusa.com

520-900-7586 - crowncconceptsusa.com

