

Sonic Problems • Shocks & Struts • Bugs & Worms

Balcox

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# TIRE REVIEW

DEDICATED TO BUILDING YOUR BUSINESS

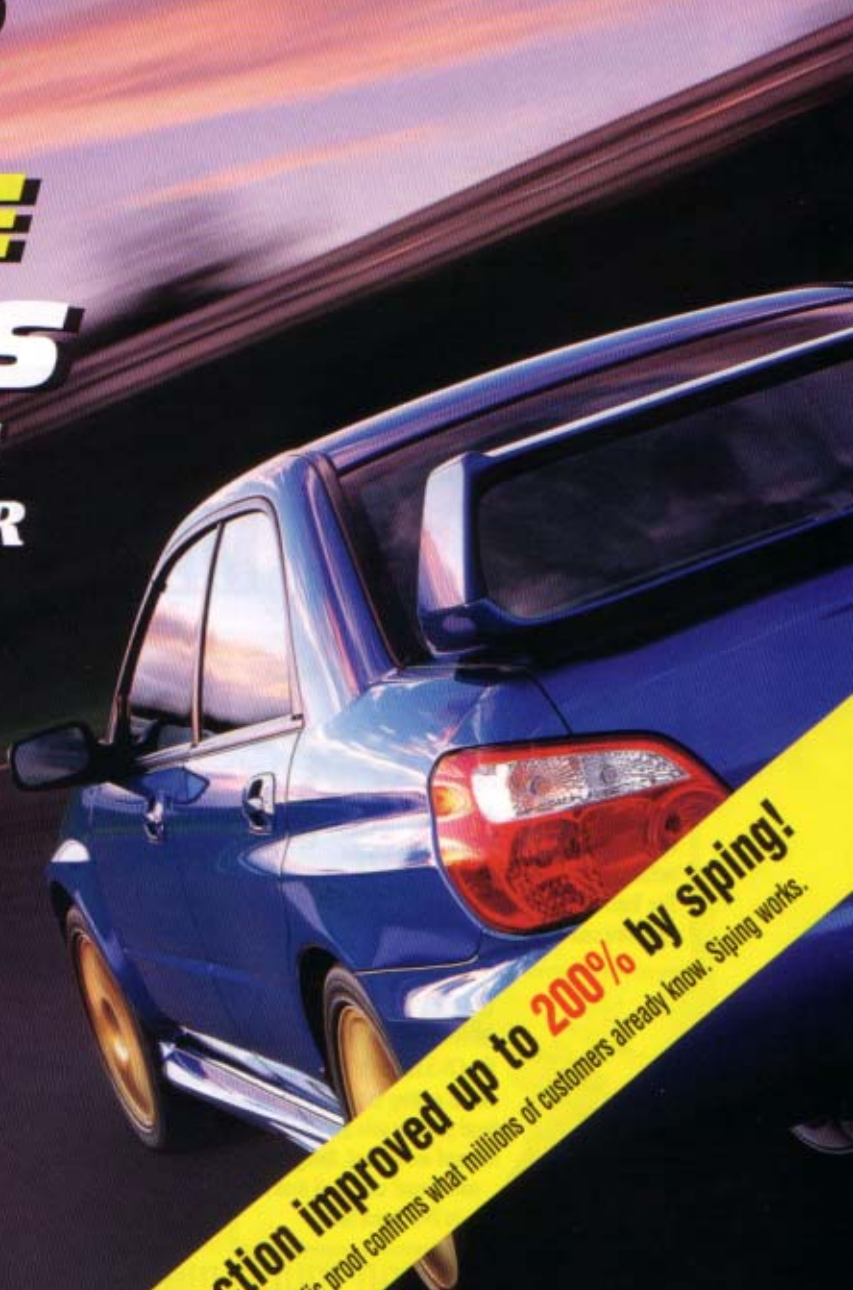
**FASTER**  
**AND**  
**EVEN MORE**  
**FURIOUS**  
**UHP BUSTS THE**  
**SOUND BARRIER**

- More SKUs on the Way –  
Will the Market Ever Level Off?
- Have We Outgrown 'Performance'?
- Does Racing Still Rate?

**PLUS...**

- Tire/Wheel Packages Sizzle
- Truth About Torque
- Inside Those Ride & Drives

**Traction improved up to 200% by siping!**  
New scientific proof confirms what millions of customers already know. Siping works.



## Saf-Tee Siping Backs Product with Independent Testing

To sipe, or not to sipe? It's not even a question for Saf-Tee Siping & Grooving Inc.

The makers of tire siping equipment say they now have independent testing that proves "conclusively that professionally siped tires show a 30% improvement in traction on good all-season tires, and up to a 200% improvement on low-profile high performance tires."

Siping is the process of cutting tiny, thin slits across the tread of a tire. The result, according to Saf-Tee Siping, is improved tread flexibility and an increased ability for the tread to grip the road.

The tests, conducted by Mobility Research of Piedmont, S.C., were cold weather driving tests on selected tires – a Goodyear Eagle LS and a Michelin Pilot Sport. The selected tires were tested against the Uniroyal Tiger Paw, "the industry standard base all-season tire," according to Saf-Tee Siping. Testing was conducted this past February in Houghton, Mich.

Based on tests, Saf-Tee Siping says the Goodyear Eagle LS

"could be improved from a good all-season rating to 'severe snow service' status by siping, while the Michelin Pilot Sport ... went from a free-spinning handful in stock form to the equal of a good all-season tire when siped."

For Mobility Research's tests, all tires were run on a drive wheel at 5 mph, then accelerated until they broke traction. During the 5 mph pace, data was collected. All tires were tested through 10 consecutive rotations per day, for three straight days, "on a snow-packed test site maintained at a 'medium compacted' level, with the temperature at 15° or 16°."

According to Saf-Tee Siping, the Pilot Sport measured only 34% to 36% of the Uniroyal's traction before siping. Two other Pilot Sports were siped at two different arcs and improved 93% and 103%. The Eagle LS started the test at 101% of the Uniroyal's traction, says the company, and jumped to 134% after siping.

The "severe snow service" moniker can only be given if the tire meets 110% of the base tire's traction.

# 360° OF TIRE MANAGEMENT



### change

Everything you need to change 4" to 16.5" tires comes with the CH-22 Tire Changer, accommodates open hub and bearing wheels. Also included is the CH-4 Mongoose Tire Tool! Don't turn away any more small tire and wheel business.



### break

The CH-22 / 23 Stand comes with an easy to use manual bead breaker. Ergonomic design makes the job easy!

### recycle

The TC-50 Tire Cutter is designed to cut passenger and light truck tires, 17" and smaller, into 4 pieces at the rate of 60 per hour. Safety features and easy to use.



### reuse

The TG-80 Tire Grooving Station will hold any tire for re-grooving from 15" to 24.5" on the quick-adjust hydraulic chuck operated by a foot valve. The TG-80 provides a straight or zigzag groove with ease.



### seat

The CH-5 Cheetah Bead Seater makes seating the most difficult bead not only safe but simple, fast and economical. Designed for commercial use on all tires ATV to 24.5, truck tires.



### enhance

The STE-M Tire Siping Machine allows the operator to sipe both non-mounted and mounted tires with the same machine. Siping is an inexpensive procedure that will improve the performance of any new or used tire while braking, accelerating and driving on wet or icy road conditions.



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