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Monday, November 17, 2008

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Bob's Tire  
and Brake  
in the News

Wyatt Earp, the fleet management director, adds nitrogen to the tires of a police cruiser at the Marion County Sheriff's Office in Ocala. The Sheriff's Office is using nitrogen because of safety, stability and potential cost savings.

pressure fluctuations due to changes in temperature.

"It also improves how the car handles," Earp said.

Earp said based on the three-month preliminary study, the Sheriff's Office will use nitrogen throughout the entire fleet. They will monitor the savings for the next several months.

He said he purchased a machine that transforms traditional air, which is already 78 percent nitrogen, into 100 percent nitrogen.

The savings will offset the cost of the \$8,000 machine in about a month, said MSCO public information officer Capt. Jimmy Pogue.

The problem for the average consumer to begin using nitrogen is the cost, which currently ranges from a few bucks to \$20 per tire. Usually, the higher cost includes lifetime refills.

At Bob's Tire and Brakes on West State Road 40, manager Dennis Spadafore said they recently started selling nitrogen, charging \$49.95 for all four tires, including lifetime refills.

He said his customers have reported gas mileage savings and said that tires will last much longer because nitrogen does not expand dramatically like compressed air.

The more the tire expands, the more rounded it gets, causing uneven wear. Though Spadafore is selling the product, he believes it will save car owners in the long run.



William Flowers, a jail trustee, hooks lines to the tires of a deputy's patrol car as he adds nitrogen to the tires at the Marion County Sheriff's Office in Ocala on Thursday.

For the same reasons that nitrogen does not expand as much as compressed air, Pogue said they believe the cars are easier to handle, especially at higher speeds.

"This also makes the vehicle safer for our deputies to drive," he said.

Experts say nitrogen-filled tires remain inflated longer because the molecules are larger than oxygen molecules.

Contact Joe Callahan at 352-867-4113 or joe.callahan@starbanner.com.

## Riding on Nitrogen

### Deputies find stability, savings not just hot air

By Joe Callahan  
Staff writer

OCALA

Motorcycle deputies once dreaded braking while traveling at high speeds because their two-wheeled machines would shimmy and shake as they came to a stop.

But since filling their tires with nitrogen as part of a three-month study conducted by the Marion County Sheriff's Office administration, the shaking stopped.

"They both came in at different times and told me they had better control," said Wyatt Earp, the Sheriff's Office fleet management director, of two deputies. "They hadn't talked to each other either."

Earp also inflated the tires of six cruisers with nitrogen for three months and found that the practice increased mileage by a half-mile per gallon.

That may not sound like much, but the savings add up.

When you consider that 700 cruisers, 300 of which are on the road on a given day, rack up 8 million miles patrolling the sprawling Marion County countryside, those savings can be substantial. That small increase in mileage could save the Sheriff's Office \$92,000 in fuel. Officials hope it will save an additional \$44,000 in tire wear.

And Sheriff's Office officials say it's also safer.

That's because the nitrogen system maintains tire pressure, unlike tires filled with compressed air that have



A nitrogen machine is used to add nitrogen to the tires of a police cruiser at the Marion County Sheriff's Office in Ocala on Thursday.

# “NITROGEN – The Biggest Innovation in Tire Life and Energy Savings Since the Steel Belted Radial.”

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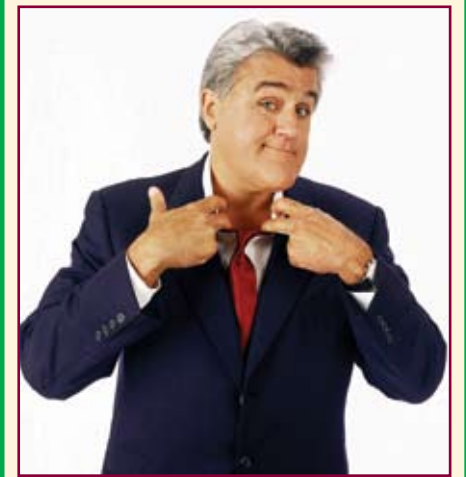


When you bring this Star-Banner article to Bob's Tire and Brake by February 28th to fill your tires with fuel efficient Nitrogen you'll receive a complete Nitrogen Upgrade Kit that includes valve stem caps that'll notify everyone working on your car that your tires are filled with Nitrogen, plus you'll receive a coupon book with up to \$300.00 in fuel and tire savings.



Bob Skrob at Bob's Tire and Brake inflates all of the tires on his vehicles with Nitrogen to save fuel and reduce carbon emissions. Now it's easier than ever for you to fill your tires with Nitrogen too with Bob's lifetime Nitrogen guarantee.

*See What Jay has to Say About Nitrogen*



**Jay Leno, late night show host and car enthusiast.**

I'm Jay Leno and as you probably know I'm pretty passionate about my vehicles. Hey, it's cheaper than the normal hobbies people have in Hollywood. But there's something else I think we all need to be passionate about and that's the environment. And that's why all my vehicles ride on tires filled with nitrogen. Nitrogen is a cleaner, safer and better alternative to filling tires with regular compressed air.

That's why it's been used for years in all kinds of industries like heavy construction, mining, commercial trucking. NASCAR uses it, the military uses it, the Space Shuttle, even Air Force One has tires filled with nitrogen.

So what makes nitrogen such a good choice for filling a tire up? Better pressure retention for one thing. Nitrogen permeates the tire wall a lot slower than oxygen does, up to 40% slower. And with enhanced pressure retention comes better tire handling, control and gripping ability. That makes a tire safer.

Nitrogen can extend the life of the tire rim by slowing internal tire oxidation and preventing rim rust. These are problems with the oxygen and moisture found in regular compressed air. Nitrogen can also improve a vehicle's fuel economy between four and ten percent depending on the type of vehicle. That's a big plus considering the cost of gas.

We know nitrogen tires can improve your fuel economy between four and ten percent, right? Now if 85% of those 220 million vehicles in America rode on tires with nitrogen we could burn at least 3.8 billion fewer gallons of gas annually. That translates into cutting nearly 76 billion pounds of greenhouse gases each year; 76 billion! Do you know how much that is? That's like 76 billion!

Anyway that's the equivalent of planting at least 7 million acres of forest. Think about that. So not only is nitrogen good for your tires it's also good for all of us.

# BOB'S TIRE & BRAKE

## Lifetime Nitrogen Warranty

Bob Skrob at Bob's Tire and Brake wants to make sure you are completely satisfied with your Nitrogen inflated tires. Your inflation includes a life-time warranty. For as long as you own your tires Bob will keep them filled with fuel efficient and life enhancing Nitrogen. Anytime you want your tires checked, bring it by and Bob will verify proper inflation. Plus, if you have your tires services by Bob will purge oxygen and moisture from your tires and refill them with Nitrogen. Yes, even if you are on a trip and have to have someone else service your tire, they can fill it with oxygen to get you home. Then, Bob will safety inspect the repair and refill your tires with Nitrogen.

**Start Saving on Fuel Costs & Tires Immediately!**

**Visit Bob's Tire & Brake for Your Money Saving Nitrogen Upgrade Today!**

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Nitrogen inflation saves you up to 5% in fuel costs, reduces emissions AND is guaranteed for the life of your tire, we'll top off your tire inflation every time you come in.