## GOT NITROGEN?



## DID YOU KNOW Now

- Improve fuel economy
- Increase tire life up to 30%
- Maintain proper tire pressure
- Reduce wheel & rim corrosion
- Improve handling & performance
- Reduce the chance of tire failure as much as 80%
- Reduces running tire temperature



"One thing government and tire-industry officials agree on is the importance of keeping tires properly inflated. The risks of under inflation, which stresses tires by causing their sidewalls to flex more and the air temperature inside to rise, were highlighted during congressional hearings two years ago into the Firestone tire problems. Under inflation was identified as a factor in tile failure of Firestone tires."

- Wall Street Journal, September 25, 2002

Using nitrogen instead of compressed air has distinct advantages, which lead to immediate benefits for the vehicle owner.



It has more mass, so it migrates through the tire three to four times slower. The result Tires hold their psi longer.



It runs about 20% cooler. Less heat results in less tire degradation.

It drastically reduces oxidation on the rim and inner-liner

(nitrogen systems almost totally eliminate oxygen-the cause of oxidation-from the mix).



It is environmentally safe.

Bob Ulrich, Modern Tire Dealer, July, 2004

"Goodyear says 15% under-inflation equals 8% less tread mileage and 2.5% decrease in fuel economy."

-Goodyear Radial Truck Tire and Retread Service Manual, Page 40

"Having tires inflated to the maximum recommended pressure can improve gas mileage by as much as 6 percent "

-Ann Job, "Fuel Saving Tips, If MSN Autos, September 19, 2005

Pirelli says 20% under-inflation equals 15% shorter tire life.

United States Department of Energy says the United States loses over 2 million gallons of fuel each day due to under-inflation.

TMC (Technology & Maintenance Council of American Trucking Association) says that about 90% of tire failures causing tire road debris is caused by under inflation.

- TMC Tire Air Pressure Study. May, 2002

Bridgestone says air inflated tires lost an average of 2.7 psi per month and nitrogen inflated tires lost an average of 0.7 psi per month.

- Guy Walenga, Clemson Tire Conference, March, 2004

Michelin Supports the use of nitrogen based on its ability to better retain pressure over a period of time.

- Michelin Technical Bulletin, November, 2003

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