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NitrogenMan offers services to trucking industry fleets

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NitrogenMan is now offering its services to automotive fleets and the trucking industry. It has completed an installation for Safeway grocery stores to fill the tires in its Tempe AZ-based truck fleet with Nitrogen in an effort to reduce road calls due to tire failures. Safeway plans on having its fleet of 320 trailers and 80 tractors converted by August.

Nitrogen tire inflation tests have proven up to a 40% longer tread life of tires because they run cooler and maintain a more consistent tire pressure in spite of fluctuations in outside temperature, thereby reducing maintenance and blowouts. Extending a tire's life up to 40% helps lower the amount of used tires at landfills. For trucks and fleet vehicles, the key value of nitrogen tire inflation is in the fuel economy, consistent tire pressure, and more even tire wear.

Because nitrogen is an inert dry gas, tire pressure change due to temperature is minimal, and because its molecules are larger than compressed-air molecules, there is virtually minimal loss from nitrogen passing through tire rubber. Industry studies have also found that nitrogen-inflated tires can increase fuel economy by between 4% and 10%.

A recent study conducted by Dependable Highway Express showed that there was zero tire pressure loss with nitrogen-inflated tires, while compressed-air tires experienced up to a 5% reduction in pressure over a 90-day period. Also the nitrogen-inflated tires experienced more consistent wear and maintained 1/32 deeper tread than compressed-air tires in as little as 18,000 miles.

For more information, visit www.nitrogenMan.com.


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