News Release

For Release: Immediately

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September 24, 2008: Fleet Realizes Huge Savings with Nitrogen Tire Inflation

Haverhill, MA: A large commercial food delivery fleet in North America has completed their first year running on nitrogen. They did not make any other changes to their fleet operations in an effort to track the success of the nitrogen program. After reviewing the data from Year 1, huge savings were realized and the program was a huge success. The fleet observed significant improvements in fuel economy, service calls and pressure retention. They did not track tire life, but are including that for Year 2 data.

This large fleet runs a lot of double trailers, using 295/75R22.5 and 11R22.5 tires. They averaged 4.7 mile per gallon on air filled tires, and saw that increase to 5.0 on nitrogen filled tires, a 6.4% improvement. This yielded savings of $250K in Year 1. Midway through Year 1 they took delivery on a number of new trailers, and initially did not have them filled with nitrogen. They observed their gas mileage began to decline toward pre-nitrogen levels. These tires were then filled with nitrogen and fuel economy began to improve again.

The fleet also observed a major improvement in blowouts and service calls. They also service other hubs of the fleet that do not use nitrogen, so about 70% of the trucks they monitor are on a nitrogen inflation program. However, 75% of the blowouts and service calls are on the compressed air filled tires. These blowouts cost $500 - $600, but can be upwards of $3K if there is any significant damage to the dolly, not to mention the cost of a delayed shipment. The fleet paid for their nitrogen investment on service calls alone.

Tire pressure retention also improved dramatically in the tires filled with nitrogen. This fleet utilizes a 3-4 month service interval on their 100 psig tires. They have observed tires filled with compressed air returning to their location at 85-90psig, while those filled with nitrogen are returning at 95 psig or higher.

The fleet, while not authorizing the use of their name, will act as a reference for any non-competitor considering Parker Hannifin nitrogen tire inflation systems.

Please contact jlucidi@parker.com for a high resolution image, if required.