

NITROGEN INFLATION SYSTEM

COMPUTERIZED FIELD TEST RESULTS AND SAVINGS

BUS (A)

Bus Brand : Volvo
Inflation Type : Air
N2 Purity : 78%
of Tires : 6
Tire Sizes : 385/65R22.5
Tire Brands : Michelin
Total Miles : 1024
Total Gallons : 143.67

BUS (B)

Bus Brand : Volvo
Inflation Type : Nitrogen
N2 Purity : 93%
of Tires : 6
Tire Sizes : 385/65R22.5
Tire Brands : Michelin
Total Miles : 1024
Total Gallons : 122.25

% of fuel savings : **15%**

TEST # 1

BUS (A)

Bus Brand : Volvo
Inflation Type : Air
Purity : 78%
of Tires : 6
Tire Sizes : 315/80R22.5
Tire Brands : Michelin
Total Miles : 683
Total Gallons : 93.72

BUS (B)

Bus Brand : Volvo
Inflation Type : Nitrogen
Purity : 93%
of Tires : 6
Tire Sizes : 315/80R22.5
Tire Brands : Michelin
Total Miles : 683
Total Gallons : 83.81

% of fuel savings : **11%**

TEST # 2

SAMPLE MASS TRANSIT AGENCY

Fleet size : 275 buses
Gallons per year : 4,500,000
Price per gallon : \$ 2.75 (average)
Annual fuel spending : \$ 12,375,000.00

Anticipated annual savings with nitrogen :

(\$990,000.00) to (\$1,485,000.00)

8 % efficiency increase

12 % efficiency increase