



Mileage Improvement Program

Location: Clare Rose Inc.

Dates: Sept. 15, 2006 – Nov. 22, 2006



Clare Rose

Summary

Tadger Group International and Clare Rose Inc.collaborated to demonstrate the Tadger in-line fuel economy improvement technology.

This testing program was performed to an agreed on protocol. The test vehicles were equipped with the Tadger technology, run with revenue generating loads and both the “before Tadger” and “with Tadger” mileage was calculated using the Clare Rose fuel tracking system.

The tests on three different vehicles indicated improvements in fuel economy.

Definitions

MPG.....Miles per Gallon

EGR.....Exhaust Gas Recirculation

Vehicles

2005 Cat C13 engine with EGR system (1) - Tractor

2005 Cat C7 engines with EGR system (2) – Route trucks



Test Procedure

- 1) Extract “before Tadger” data from fuel tracking system for Tadger vehicles
- 2) Install Tadger on Tadger vehicles (15 min. each)
- 3) Run revenue generating routes with all trucks
- 4) Extract “with Tadger” data from fuel tracking system for Tadger vehicles

Results

The results have been documented and illustrated on the attached charts.

Additional test results for other municipalities, private industry and larger fleets is available on request or at www.tadgergroup.com

Before Tadger

| VEHICLE NO. | TRUCK ID | MILES | GALLONS | MPG |
|-------------|----------|--------|----------|-------|
| 198 | 45 | 33,611 | 7,006.30 | 4.797 |
| 213 | S111 | 4,553 | 960.2 | 4.742 |
| 232 | S114 | 1,651 | 354.7 | 4.655 |

With Tadger - Sept. - Oct. 2006

| VEHICLE NO. | TRUCK ID | MILES | GALLONS | MPG |
|-------------|----------|-------|---------|-------|
| 198 | 45 | 3,695 | 730.6 | 5.057 |
| 213 | S111 | 4,253 | 821.4 | 5.178 |
| 232 | S114 | 999 | 207.3 | 4.819 |

With Tadger - Oct. - Nov. 2006

| VEHICLE NO. | TRUCK ID | MILES | GALLONS | MPG |
|-------------|----------|-------|---------|-------|
| 198 | 45 | 5,965 | 1,218 | 4.897 |
| 213 | S111 | 1,576 | 318 | 4.956 |
| 232 | S114 | 1,214 | 252 | 4.817 |

Summary

| VEHICLE NO. | TRUCK ID | MPG BEFORE TADGER | MPG WITH TADGER | % CHANGE |
|-------------|----------|-------------------|-----------------|----------|
| 198 | 45 | 4.797 | 4.957 | 3.3% |
| 213 | S111 | 4.742 | 5.116 | 7.9% |
| 232 | S114 | 4.655 | 4.818 | 3.5% |

Overall
Change

4.9%

Fuel Savings & R.O.I. - Tractors

Over-the-road trucks

Fill in the 4 grey boxes - H9, H10, H11, H12

FLEET INFO

| | | |
|---|---|--------|
| Monthly customer fuel useage in Litres or Gallons | → | 5,600 |
| Average cost of fuel / litre or gallon | → | \$2.50 |
| # of Tadgers required | → | 8 |
| Tadger Savings as a % | → | 4.90% |

R.O.I.

| | | |
|--------------------------------------|---|------------|
| Return on Investment (ROI) in months | → | 8.7 |
|--------------------------------------|---|------------|

SAVINGS

| | | |
|--|---|-------------------|
| Monthly profit per Tadger | → | \$85.75 |
| Monthly profit for fleet | → | \$686.00 |
| Annual profit for fleet for 1st year | → | \$2,240.00 |
| Annual profit for fleet after 1st year | → | \$8,232.00 |

INVESTMENT

| | | |
|--------------------------------|---|------------|
| One time investment per Tadger | → | \$749.00 |
| One time investment for fleet | → | \$5,992.00 |

Fuel Savings & R.O.I. – Route Trucks

Route trucks

Fill in the 4 grey boxes - H29, H30, H31, H33

FLEET INFO

| | | |
|---|---|--------|
| Monthly customer fuel useage in Litres or Gallons | → | 12,600 |
| Average cost of fuel / litre or gallon | → | \$2.50 |
| # of Tadgers required | → | 36 |
| Tadger Savings as a % | → | 4.90% |

R.O.I.

| | | |
|--------------------------------------|---|------------|
| Return on Investment (ROI) in months | → | 8.7 |
|--------------------------------------|---|------------|

SAVINGS

| | | |
|--|---|--------------------|
| Monthly profit per Tadger | → | \$42.88 |
| Monthly profit for fleet | → | \$1,543.50 |
| Annual profit for fleet for 1st year | → | \$5,022.00 |
| Annual profit for fleet after 1st year | → | \$18,522.00 |

INVESTMENT

| | | |
|--------------------------------|---|-------------|
| One time investment per Tadger | → | \$375.00 |
| One time investment for fleet | → | \$13,500.00 |

Discussion & Conclusion

TADGER
GROUP
INTERNATIONAL



CUSTOM MADE FOR
CLEANER AIR & LESS FUEL

The purpose of this test program was to demonstrate the product for its effect on vehicle fuel economy.

A total of 3 vehicles were monitored with and without the Tadger product installed..

The results of this test program indicated that the Tadger is effective in improving fuel economy.