



## EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

B. Murch - Minnesota

### Test Description

Fuel economy testing on a Cummins ISX over a period of 3 months.

### Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Cummins Power Pup downloader in real world conditions.

### Test Facility

The test vehicle ran in the Midwest hauling 60,000 lbs with the tractor/trailer loaded approximately 75% of the time.

### Test Program

Before installation the Cummins ISX was averaging 4.6 MPG.

The Bully Dog Power Pup tune was installed onto the vehicle and then the tractor/trailer ran its normal routes.

### Vehicle

Model: 2007 Peterbilt 379  
Transmission: 18 Speed  
Gear Ratio: 3:36  
Engine: Cummins ISX

### Fuel Type & Fuel Measurement System

The fuel used during the test was a standard #2 diesel fuel.

Fuel economy was measured by the number of miles driven divided by the number of gallons burned. The results were then compared to the average fuel economy before installation over the life of the tractor.

### TEST RESULTS

With the Bully Dog Power Pup installed the average fuel economy over the 3 month period has been 5 MPG for an improvement of 9% over stock.