



## EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

Michigan Fleet

### Test Description

Fuel economy testing on five Volvo tractors equipped with Cummins ISX engines.

### Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Cummins Power Pup™ Downloader under different circumstances with three tractors. The first tractor was loaded on June 2, 2008.

### Test Program

Baseline fuel economy was calculated and then the tractors ran their normal routes with their normal loads. Baseline fuel economy was as follows:

#### Unit # Baseline Economy

A3	6.6
A13	6.6
A14	8.1

### Vehicles

All tractors are Volvo tractors equipped with Cummins ISX engines.

### 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.

### TEST RESULTS

The results of the trial are listed below, along with the best run MPG reported on the tractor after installation.

Unit #	Avg Economy After Install	Percent Change	Best Run
A3	7.4	12.12%	8.4
A13	7.5	13.64%	8.7
A14	8.9	9.88%	9.4

Document#: ES\_46530D Version: 1.0.0