



EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

C. Barnard - Southeastern Idaho Fleet

Test Description

Fuel economy testing on a Detroit Series 60 engine over a period of a year and a half.

Test Objective

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

Test Facility

The test vehicle ran local routes carrying loads of between 80,000 to 85,000 lbs.

Test Program

Before installation the Detroit Series 60 was averaging 5.2 MPG. A Bully Dog Power Pup tune was loaded onto the vehicle and then the truck ran its normal routes.

Model:

2002 Freightliner Classic

Transmission:

Eaton Fuller 10 Speed

Gear Ratio:

3:55

Engine:

Detroit Diesel Series 60

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

This tractor has been running with the Bully Dog Big Rig Power Pup installed for a year and a half. Driver reports that he has noticed a definite increase in pulling power. Before installation the tractor averaged 5.2 MPG over the life of the tractor. Since Bully Dog Power Pup was installed the tractor has averaged 5.8 MPG. The improvement in fuel economy is 11.5%.

Document#: ES_46530C Version: 1.0.0