



EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

B Miller, Pennsylvania

Test Description

Fuel economy test on 2006 Western Star with Detroit Series 60.

Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Cummins Power Pup™ Downloader on a Detroit Series 60® engine over a 2 month period.

Test Program

Baseline fuel economy on both tractors was established before installing the Bully Dog Power Pups onto the tractor. Last quarterly IFTA average was 5.98 MPG before the tractor was loaded with the Bully Dog Power Pup. Typical Route driven is from Somerset, PA to Southern CA and then back to either Baltimore, MD or Washington, DC.

Vehicle

2006 Western Star 4900 FA

Engine:

Detroit Diesel Series 60 DDEC V 515HP

Transmission

18 Speed

Gear Ratio:

3:07

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

With the Power Pup™ downloader installed the tractor average fuel economy increased 7/10 up to 6.68 MPG. Driver also reported more pulling power with the Economy with Power tune installed.

Over the test period the tractor fuel economy increased 11.71% with the Bully Dog Power Pups installed.