



EXECUTIVE SUMMARY – FUEL CONSUMPTION FIELD TRIAL

J. Wilson– Southwestern Idaho

Test Description

Fuel economy test on '06 Cummins ISX 475 engine.

Test Objective

Evaluate fuel economy benefits derived from using Bully Dog's Cummins Power Pup™ Downloader on a Cummins 475 engine.

Test Program

For the 2 months prior to the installation the tractor achieved an average fuel economy of 5.1 MPG. The Bully Dog Power Pup was then loaded onto the tractor and fuel economy was calculated over a three month period of time. Fuel economy both before the install and during the trial were calculated using hand calculations by recording mileage and gallons used at each fill up.

Vehicle

2006 Peterbilt equipped with a Cummins ISX 475 tune.

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 over the 3 month period (Oct-Dec 2007) the tractor averaged 5.99 MPG for a 17% improvement in fuel economy. Beginning in Jan. 2008 the tractor still equipped with the Bully Dog Power Pup™ pulled a smaller trailer and the fuel economy increased even further; up to 6.9 MPG in February 2008.

Document#: ES_46510C Version: 1.0.0