

# Executive Summary

## RE: Fuel Consumption Test Using Cleanburn Fuel Treatment

A Performance Analysis Report (PAR) was carried out by Gough, Gough and Hamer Ltd on a truck owned by FiveStar Distribution Ltd.

Vehicle Year and Make: 2000 Western Star

Model: ISM 425

Oedometer Reading: 185,515 km at 14/2/2002

Oedometer Reading: 247,811 km at 18/7/2002

Gough, Gough and Hamer carried out a base test on a dynamometer on the 14/2/2002. The aim of the test was to establish fuel consumption savings by measuring the horsepower at the wheel. Three different runs were made at different RPM speeds; this was done to give greater consistency for an overall conclusion.

Cleanburn Fuel Treatment was then consistently added to the fuel, the truck was using at a ratio of 1:200 litres over a 5-month period.

On the 18/7/2002 the truck underwent the exact test on the dynamometer at Gough, Gough and Hammer as was done 5 months previously.

### RESULTS: TEST 1

RPM	1790	1700	1600	1400
HP at Wheel				
Run 1	276	344	352	356
Run 2	279	344	355	356
Run 3	275	341	353	353
Average P	276.6	343	353	355

Total Average HP at Wheel Measured: 331.9

### RESULTS: TEST 2

RPM	1790	1700	1600	1400
HP at Wheel				
Run 1	354	355	360	348
Run 2	354	359	361	349
Run 3	356	363	363	352
Average P	354.6	359	361.3	349.6

Total Average HP at Wheel Measured: 356.1

The two tests show an increase in HP at the Wheel of 7.3%.