

### S3 Trial Data - Test Results

Day	Date	KM Reading	Litres	Tracker Distance miles	Tracker Distance KM
Monday	7/6/2009	287363	180	81.25	130.73125
Tuesday	7/7/2009			105	168.945
Wednesday	7/8/2009		190	68.75	110.61875
Thursday	7/9/2009			119.38	192.08242
Friday	7/10/2009			51.88	83.47492
Saturday	7/11/2009			8.75	14.07875
Sunday	7/12/2009				0
Monday	7/13/2009	288741	219.31	37.5	60.3375
Tuesday	7/14/2009			92.5	148.8325
Wednesday	7/15/2009			48.13	77.44117
Thursday	7/16/2009			0	0
Friday	7/17/2009			0	0
Saturday	7/18/2009			0	0
Sunday	7/19/2009			0	0
Monday	7/20/2009	289032	180.72	76.88	123.69992
Tuesday	7/21/2009			50	80.45
Wednesday	7/22/2009			88.13	141.80117
Thursday	7/23/2009	289381	163.95	81.25	130.73125
Friday	7/24/2009			60	96.54
Saturday	7/25/2009			4.38	7.04742
<b>Total</b>			933.98	973.78	1566.81202

Day	Date	KM Reading	Litres	Tracker Distance miles	Tracker Distance KM
Monday	7/27/2009	289613	180	51.88	83.47492
Tuesday	7/28/2009			15.63	25.14867
Wednesday	7/29/2009			15	24.135
Thursday	7/30/2009			15.63	25.14867
Friday	7/31/2009			49.38	79.45242
Saturday	8/1/2009			12.5	20.1125
Sunday	8/2/2009			0	0
Monday	8/3/2009	289867	200.01	182.5	293.6425
Tuesday	8/4/2009			105	168.945
Wednesday	8/5/2009	290333	209	110	176.99
Thursday	8/6/2009			140	225.26
Friday	8/7/2009	290793		39.38	63.36242
<b>Total</b>			589.01	736.9	1185.6721

Difference

Average Before S3 1.68 km/Litre

Average After S3 2.01 km/Litre

Improvement 19.99%

### Vehicle / Work Information

2001 MAN Diesel Truck  
 280,000 km plus on clock  
 Hydraulic grab truck  
 16 tonne net / 32 tonne gross weight  
 4 axle / 12 wheeler  
 Oil capacity - 8 gallons  
 Engine capacity - 12litre

Work consists of driving to various jobs within a city area to backfill, clear, tip etc. Road activity is very much stop start in nature. Use of the hydraulic grab will also use fuel which will rev at approx 1500 rpm.  
 Data was collected using Diesel receipts on fill up and on end of week GPS Tracker reports which logged mileage by day along with stops, times etc. This gave an accurate view of activity over the period and on a daily basis.