

## TRUCK TEST 2012 - Overall Simulated vs Actual Results

Total Down Run SIMULATED- 592.6 km						Total Down Run ACTUAL				
Vehicle	Time hh:mm	Speed km/h	Fuel		Produc- tivity	Time hh:mm	Speed km/h	Fuel		Produc- tivity
			litres	l/100km				litres	l/100km	
Scania R620 LA	8:27	70.1	334.2	56.4	41.8	9:29	62.5	300.4	50.7	41.4
Mercedes Benz 2658	8:39	68.5	340.4	57.4	43.1	9:21	63.4	351.7	59.3	38.6
MAN TGS 26.480	8:51	67.0	320.0	54.0	45.0	9:33	62.1	313.5	52.9	42.5
DAF XF 105	8:58	66.1	331.0	55.9	43.5	9:37	61.6	314.1	53.0	42.8
International 9800i	9:14	64.2	325.5	54.9	38.1	9:24	63.0	321.3	54.2	37.9
Volvo FH 440	9:08	64.9	320.1	54.0	42.8	9:10	64.6	319.2	53.9	42.8
Hino 57-450 (Barloworld)	9:34	61.9	320.5	54.1	40.4	10:06	58.7	302.9	51.1	40.5
M Benz 2644 (DHL Teardrop)	8:23	70.7	233.4	39.4	25.2	9:15	64.1	240.3	40.6	22.2
M Benz 2644 (DHL Tautliner)	8:27	70.1	244.5	41.3	23.9	9:27	62.7	252.3	42.6	20.7
Tata Novus	8:42	68.4	306.3	51.7	40.5	10:01	59.2	321.8	54.3	33.3
UD 490 ESCOT	8:44	67.9	329.6	55.6	44.6	9:23	63.2	328.3	55.4	41.7
Scania G460	8:50	67.1	298.1	50.3	41.2	9:44	60.9	279.2	47.1	39.9
Hino 700 2845	9:28	62.6	310.2	52.3	34.6	9:27	62.7	265.6	44.8	40.4
MAN TGS 26.440	9:17	63.8	303.8	51.3	36.6	9:45	60.8	268.3	45.3	39.5
Iveco Stralis AT700543	8:55	66.7	290.4	49.0	39.3	9:28	62.6	267.8	45.2	40.0
UD 410 ESCOT	8:48	67.3	283.7	47.9	47.2	9:47	60.6	287.2	48.5	41.9
International Transtar	9:07	65.0	275.5	46.5	43.2	10:08	58.5	301.0	50.8	35.5

## TRUCK TEST 2012 - Overall Simulated vs Actual Results

Total Up Run SIMULATED - 578.0 km						Total Up Run ACTUAL				
Vehicle	Time hh:mm	Speed km/h	Fuel		Produc- tivity	Time hh:mm	Speed km/h	Fuel		Produc- tivity
			litres	l/100km				litres	l/100km	
Scania R620 LA	8:38	66.9	376.3	65.1	34.5	9:23	61.6	375.6	65.0	31.8
Mercedes Benz 2658	9:00	64.2	384.4	66.5	34.9	9:34	60.4	402.2	69.6	31.4
MAN TGS 26.480	9:18	62.1	361.7	62.6	36.0	9:44	59.4	340.7	58.9	36.5
DAF XF 105	9:23	61.6	373.6	64.6	35.1	9:35	60.3	358.0	61.9	35.8
International 9800i	9:27	61.2	363.3	62.9	31.7	9:54	58.4	363.0	62.8	30.3
Volvo FH 440	9:25	61.4	360.4	62.4	35.1	9:55	58.3	371.8	64.3	32.3
Hino 57-450 (Barloworld)	9:36	60.2	360.6	62.4	34.0	10:50	53.4	367.2	63.5	29.6
M Benz 2644 (DHL Teardrop)	8:32	67.7	262.0	45.3	21.0	10:02	57.6	264.4	45.7	17.7
M Benz 2644 (DHL Tautliner)	8:36	67.2	272.7	47.2	20.0	9:33	60.5	272.3	47.1	18.1
Tata Novus	8:54	64.9	341.4	59.1	33.6	9:44	59.4	363.5	62.9	28.9
UD 490 ESCOT	9:08	63.3	372.0	64.4	36.0	9:57	58.1	386.0	66.8	31.8
Scania G460	9:13	62.7	333.5	57.7	33.5	9:40	59.8	334.0	57.8	31.9
Hino 700 2845	9:27	61.2	341.7	59.1	29.9	9:32	60.6	327.0	56.6	31.0
MAN TGS 26.440	9:20	61.9	337.1	58.3	31.2	10:05	57.3	312.5	54.1	31.2
Iveco Stralis AT700543	9:28	61.2	335.8	58.1	32.5	9:24	61.5	344.6	59.6	31.7
UD 410 ESCOT	9:16	62.4	319.4	55.3	37.9	9:53	58.5	338.7	58.6	33.5
International Transtar	9:26	61.3	309.0	53.5	35.4	10:53	53.1	335.0	58.0	28.3

Total Down & Up Run SIMULATED- 1170.5 km									Total Down & Up Run ACTUAL				
Vehicle	Tare Mass	Payload	GCM	Time hh:mm	Speed km/h	Fuel		Productivity	Time hh:mm	Speed km/h	Fuel		Productivity
						litres	l/100km				litres	l/100km	
Scania R620 LA	21380	33590	54970	17:05	68.5	710.5	60.7	37.9	18:52	62.0	676.0	57.8	36.1
Mercedes Benz 2658	20120	36160	56280	17:39	66.3	724.8	61.9	38.7	18:55	61.9	753.9	64.4	34.7
MAN TGS 26.480	19600	36250	56120	18:09	64.5	681.7	58.2	40.1	19:17	60.7	654.2	55.9	39.4
DAF XF 105	19200	36800	56000	18:21	63.8	704.6	60.2	39.0	19:12	61.0	672.1	57.4	39.1
International 9800i	21780	32630	54410	18:41	62.6	688.8	58.8	34.7	19:18	60.6	684.3	58.5	33.8
Volvo FH 440	20280	35620	55900	18:33	63.1	680.5	58.1	38.7	19:05	61.3	691.0	59.0	37.0
Hino 57-450 (Barloworld)	19486	35264	54750	19:10	61.1	681.1	58.2	37.0	20:56	55.9	670.1	57.3	34.4
M Benz 2644 (DHL Teardrop)	20650	14050	34700	16:55	69.2	495.4	42.3	23.0	19:17	60.7	504.7	43.1	19.8
M Benz 2644 (DHL Tautliner)	21750	14050	35800	17:03	68.7	517.2	44.2	21.8	19:00	61.6	524.6	44.8	19.3
Tata Novus	18950	30590	49540	17:34	66.6	647.7	55.3	36.8	19:45	59.3	685.3	58.5	31.0
UD 490 ESCOT	19320	36580	55900	17:52	65.5	701.6	59.9	40.0	19:20	60.5	714.2	61.0	36.3
Scania G460	18070	30860	48930	18:03	64.8	631.6	54.0	37.1	19:24	60.3	613.2	52.4	35.5
Hino 700 2845	19180	28900	48080	18:55	61.9	651.9	55.7	32.1	18:59	61.7	592.6	50.6	35.2
MAN TGS 26.440	19760	29400	49160	18:37	62.9	640.9	54.8	33.8	19:50	59.0	580.8	49.6	35.0
Iveco Stralis AT700543	18310	29780	48090	18:20	63.8	626.2	53.5	35.5	18:52	62.0	612.4	52.3	35.3
UD 410 ESCOT	15720	33560	49280	18:04	64.8	603.1	51.5	42.2	19:40	59.5	625.9	53.5	37.4
International Transtar	17025	30865	47890	18:33	63.1	584.5	49.9	39.0	21:01	55.7	636.0	54.3	31.6

- 6X4 Truck-tractor with Super Link tautliner/flat deck @ max frontal area - dual tyres
- 6X4 Truck-tractor with Super Link tautliner - dual or single tyres - advanced aero-dynamics
- 6X4 Truck-tractor with Super Link flat deck - dual tyres
- 6X4 Truck-tractor with Super Link side tippers
- 6X4 Truck-tractor with tri-axle reefer
- 6X4 Truck-tractor with tri-axle flat deck