

# ECO-Booster Test Record

Vehicle: 4.5 ton truck manufactured by Hino Motor  
 Tested by Marusho Co., Ltd. in Kvushu, Japan  
 May, 2010 for 1 month

Date	Driver	Travel Distance km	Kind of road		Distance fuel supply km	Quantity fuel supply L	Fuel Consumption km/L	State of Booster
			CommonWay km	High way km				
May 1	A	400.1	267.9	132.2	589.0	122.0	4.8	not installed ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
May 2	A	188.9	188.9	0.0				
May 3	A	246.1	246.1	0.0				
May 4					516.8	122.0	4.2	
May 5								
May 6	A	270.7	270.7	0.0				
May 7	A	114.5	114.5	0.0				
May 8					591.4	122.0	4.8	
May 9	A	189.0	189	0.0				
May 10	B	287.9	213.1	74.8				
May 11	C	193.0	193	0.0				
May 12					792.6	136.0	5.8	installed operated ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
May 13	D	174.8	155	19.8				
May 14	A	424.8	276.2	148.6				
May 15	A	402.0	269.7	132.3	402.0	60.0	6.7	
May 16	B	643.6	321	322.6	643.6	110.0	5.9	
May 17	B	642.4	319.6	322.8	642.4	84.0	7.6	
May 18	B	637.3	122.4	514.9	637.3	100.0	6.4	
May 19	A	180.8	180.8	0.0	439.2	121.0	3.6	
May 20	A	258.4	258.4	0.0				
May 21	D	227.0	187.2	39.8				
May 22					1042.3	122.0	8.5	
May 23	A	196.4	196.4	0.0				
May 24	A	446.7	298.1	148.6				
May 25								
May 26	A	172.2	172.2	0.0				
May 27	A	431.7	283.2	148.5	849.9	140.4	6.1	
May 28	A	418.2	269.7	148.5				
May 29	A	400.2	267.7	132.5	568.0	100.0	5.7	
May 30								
May 31	E	167.8	167.8	0.0				
合計		7714.5	5428.6	2285.9	7714.5	1339.4		

### Results of Analysis:

	Travel distance at Booster not operated	Travel distance at Booster operated	Increase ratio of Travel distance	Decrease ratio of fuel consumption
Minimum	3.6 km/L	5.7 km/L	158 %	36 %
Maximum	4.8 km/L	8.5 km/L	177 %	44 %
Average	4.2 km/L	7.1 km/L	169 %	40 %

**S-MACH Engineering Corp.**

28-6 Ouji 1chome, Kita-ku, Tokyo, Japan  
 Phone 813-5902-5321

**EcoUSA**

Denver, CO 80236  
 1.800.517.2575 EcoUSA.us

## INQUIRY SHEET FOR ECO-BOOSTER ESTIMATION For VEHICLE

Date of Inquiry (day/month/year):

Inquiry Items	Description
Manufacturer of the vehicle	
Model name of the vehicle	
Average monthly mileage(km/month)	
Total mileage (km)	
Fuel consumption ratio (km/liter)	
The coldest atomosphere temperature	
Date of the first registration	
Model number of the vehicle	
Model of the engine	
Total displacement or Rating output	
Capacity of the battery (voltage&currency)	

Please, attach the photos of the engine.

Please, attach the photos or drawing of the installing space.

Is the installation space for the booster enough or not?

The space requires 500mm(width)x 400mm(depth)x450mm(height), at least.

**S-MACH Engineering Corp.**



28-6 Ouji 1chome, Kita-ku, Tokyo, Japan  
Phone 813-5902-5321

Denver, CO 80236  
1.800.517.2575 EcoUSA.us