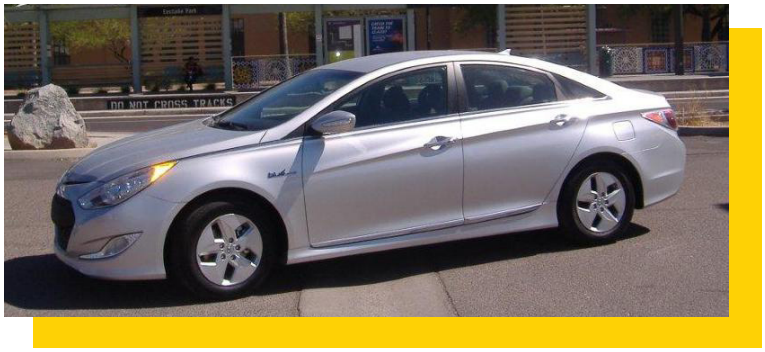
HEV Fleet Testing - Summary Fact Sheet

Advanced Vehicle Testing Activity



2011 Hyundai Sonata

VIN# KMHEC4A43BA004932

Vehicle Specifications

Engine: 2.4 L
Electric Motor: 30 kW
Battery: Lithium Polymer
Seatbelt Positions: Five
Payload: 1074 lbs
Features:
Regenerative braking
Traction control

See HEVAmerica Baseline Performance Fact Sheet for more information

Fleet Performance

Operating Cost:

Purchase Cost: $31,152 (6/11)*

Kelley Blue Book: N/A

Sale Price: $5,935 (6/13)

Maintenance Cost: $0.02/mile

Operating Cost: $0.14/mile**

Total Ownership Cost: $0.37/mile

Operating Performance:

Total miles driven: 120,495

Cumulative MPG: 34.0

Major Operations & Maintenance Events:

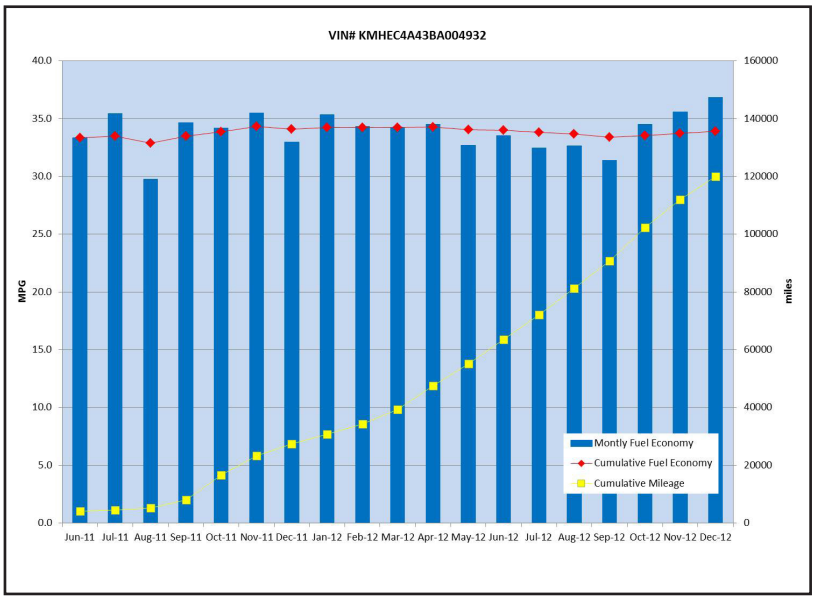
Drive motor 'A' Inverter shorted @ 120,507 mi. Estimate to repair $10,000, cost exceedes value of vehicle. Vehicle was not repaired and removed from testing early.

**Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs.*

***Operating costs includes insurance, fuel, and registration costs*

Description:

This vehicle is operated throughout the valley of Phoenix, Arizona by EZ Messenger, a legal document courier business. It is operated five days a week, transferring documents between courts, law offices, and medical facilities on city streets and urban freeways.



Monthly MPG = (miles driven)/(gallons of fuel purchased). Monthly variation in reported MPG may occur due to the difference in fuel tank level at the beginning and end of the month.