

Mercedes Benz S400 HEV Accelerated Testing – February 2012

Two model year 2010 Mercedes Benz S400 hybrid electric vehicles (HEVs) entered Accelerated testing during September 2009 in a fleet in Arizona. Each S400 will be operated for 160,000 miles, at which point their traction batteries will be tested before they are retired. One-page vehicle maintenance logs are posted on nearby www pages. This information includes the date and mileage for all maintenance and repairs performed on the vehicles. The two S400 HEVs have been driven a total of 292,557 miles and the cumulative average fuel economy is 25.7 mpg. Note that initial mileage accumulation was slow due to baseline performance and battery testing, and no fueling was required during the first two months of operations, so the first 874 miles of operation are excluded from the monthly fuel economy calculations. Note that during April 2010, fueling event timing and fleet management realignment resulted in a monthly mpg swing.

