

Plug-In Hybrid Electric Vehicle Operation Data Summary for 2013 Ford C-Max Energi VIN 3818

Reporting Period: January 2014 through September 2014

All Trips¹

Overall gasoline fuel economy (mpg) ⁵	42
Overall DC electrical energy consumption (DC Wh/mi)	14
Total distance driven (mi)	27,922
Average trip distance (mi)	12
Percent of miles city highway	42% 58%
Average ambient temperature (deg F)	87.6
Percent of miles driven with air conditioning selected	90%



EV Trips²

Overall gasoline fuel economy (mpg) ⁵	N/A
Overall DC electrical energy consumption (DC Wh/mi)	325
Total distance driven (mi)	341
Average trip distance (mi)	1.9
Percent of miles city highway	94% 6%
Average ambient temperature (deg F)	83.7
Percent of miles driven with air conditioning selected	97%
Percent of total distance traveled	1%

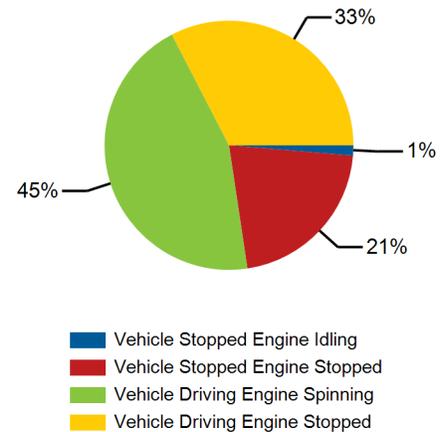
Mixed-Mode Trips³

Overall gasoline fuel economy (mpg) ⁵	51
Overall DC electrical energy consumption (DC Wh/mi)	72
Total distance driven (mi)	6,123
Average trip distance (mi)	7.8
Percent of miles city highway	59% 41%
Average ambient temperature (deg F)	87.9
Percent of miles driven with air conditioning selected	88%
Percent of total distance traveled	22%

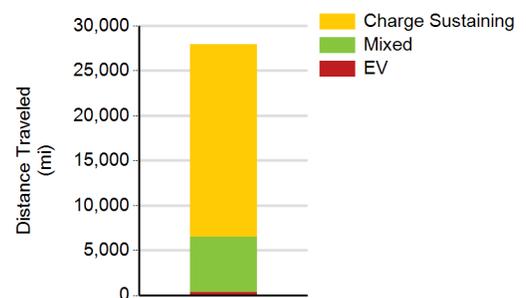
Charge Sustaining Trips⁴

Overall gasoline fuel economy (mpg) ⁵	39
Overall DC electrical energy consumption (DC Wh/mi)	-7
Total distance driven (mi)	21,459
Average trip distance (mi)	15.2
Percent of miles city highway	36% 64%
Average ambient temperature (deg F)	87.7
Percent of miles driven with air conditioning selected	90%
Percent of total distance traveled	77%

Percent of Drive Time by Operating Mode



Distance Traveled by Trip Type



1. Calculated from on-board electronic data logged over 27,922 miles, which may be a subset of total lifetime miles driven.
2. Trips where the vehicle was propelled by battery energy only, using no gasoline.
3. Trips where gasoline was consumed by the engine, and net electrical energy was consumed from the battery to propel the vehicle.
4. Trips where gasoline was consumed by the engine to propel the vehicle, while the net electrical energy consumed from the battery was less than 1% of the gasoline energy consumed.
5. Gasoline consumption calculated using Mass Air Flow and Commanded or Measured Air-Fuel Ratio read from OBD2 messages assuming $AFR_{stoich} = 14.7$ and $\rho_{gasoline} = 2819 \text{ g/gal}$.