

November 3, 2022 - 2 Steps back 1 forward (re HHO), Water to Fuel experiments

Well, the Stainless Steel plate-type capacitor shown in the photo last month still was being eaten up as it was operated in regular kitchen tap water. So, our electronic high frequency-excited circuit was causing an un-expected chemical reaction. Switching to a pure distilled water bath stopped the corrosive action on the Stainless Steel plates but, it also stopped the formation of HHO gas...

I conclude that our electronic high-frequency circuit may be too critical to get setup with precise parameters to function solely in the physical realm.

In that case, can we identify a catalyst that will work with the distilled water bath to create HHO gas and not eat up our capacitor made of stainless steel? Yes, KOH (potassium hydroxide) worked. This mixture seems to create the same small amount of HHO bubbles using our electronic high-frequency circuit as the kitchen tap water but without corrosion! How much HHO is being created?

An air-tight low-pressure plastic housing was built for the stainless steel plate setup in distilled water with KOH bath that allowed us to measure the HHO gas volume and flow output so we could tune the electronics for max HHO gas generation... Very disappointed that not enough HHO was generated to even measure. Time to lay aside our fancy electronic high-frequency circuit and try the old fashioned, brute force electrolysis with high current DC voltage method.



A couple observations: It takes 24vdc at 60amps to generate 5 liters of HHO. To make that DC power with an internal auto engine take about the same horsepower as an auto air conditioner. 5 liters/minute of HHO is enough to run that auto engine. Encouraging!

Peace, David

David G. Brader, President, MACaid, Inc. dba Marrowstone Wireless