

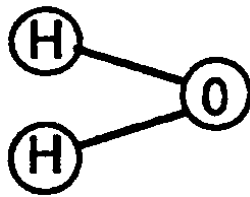
## Table of Tabulations

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- Tab 38) Calculation on detennining the electrical power input required to electrically energize the \bltage Intensifier Circuit per injection cycle.
- Tab 39) Calculation on detennining the liquid-volume of a "Water Droplet" required to run a 1000 Bhp IC. Engine per injection cycle.

Application Notes

Water vs. Fossil-Fuel Energy Content

Water is composed of (2) Hydrogen Atoms and (1) Oxygen Atom to form a molecule of Water.



Molecular Structure of Water  
(Volumetric Displacement of Atom spheres)

Atomic Mass Unit:

Electron (E) = 1 Proton (P) - 1 Mu Hydrogen Atom: 1E = 1P - 1 Mu Oxygen Atom: 8E = 8P - 8 Mu Atomic Mass Ratio (Mur) of Water (2H X 1 Mu) plus (1 Oxy. X 8 Mu) = 10 Mu's  
\*\* See Appendix (B) Note (2)

Whereby,  
2H (Mu) divided by (10 Mu's) = 20%

Thus, ,  
One gallon of Water contains 1.669 lbs. of Hydrogen

Energy-Yield Potential of Water

One water gallon equals 8.345 lbs

8.345 lbs x .20 = 1.669 pounds of Hydrogen / H<sub>2</sub>O gal.

1.669 pounds of hydrogen-fuel of water - .183591bs (11% per volume of impurities ...

typically 20 ppm - 40 ppm contaminates with Ambient Air being present) =

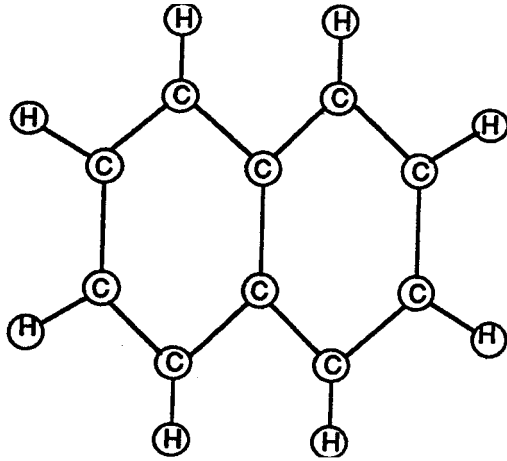
1.4854lbs of hydrogen atoms available for gas combustion per gallon of Water approximately.

Water as Fuel ®

The by-product of burning gases derived from Water is environmentally safe since there is no ...  
CO<sub>2</sub> present in the Water molecule ... resulting in the re-formation of Water "mist" after gas combustion...being able to re-energize the newly formed Water Droplets for energy "reuse" once exposed to Sunlight. (See Energy recycling graph 530 of Figure 5-6, once again)

Gasoline is composed of (2) Carbon atoms and (8) Hydrogen atoms to form a gasoline molecule

(Tab 34)



Molecular Structure of Gasoline  
(Volumetric Displacement of Atom Spheres)

Atomic Mass Unit:

1 Electron = 1 Proton - 1 Mu Hydrogen

Atom: 1E = 1P - 1 Mu Carbon Atom:

6E = 6P - 6 Mu Atomic Mass Ratio

(Mur) of Gasoline:

(8 H X 1Mu) plus (1 Oxy 6Mu) = 68 Mu's

\*\* See Appendix (B) Note (2)

Whereby,

8H (Mu) divided by 68 (Mu's) = 11.7 %

Hydrogen Atoms

Thus,

One gallon of Gasoline equals 5.61lbs/gal.

5.61lbs/gal. times .117 = 0.6561bs of

Hydrogen / Gasoline gal.

Fuel-contaminates: Distillation performance Point

Chromatogram of typical Gasoline:

degree C = (degree F - 32) / 1.8 @ 437 degrees F. .... 10% / Volume impurities (Vi)

Therefore

.656 lbs of Hydrogen / Gasoline - .065 (Vi) = .5911bs of Hydrogen Atoms available for Gas Combustion per gallon of Gasoline approximately.

Thermal Heat of Combustion

Water / gallon ..... 57,000 BTU'S approx.

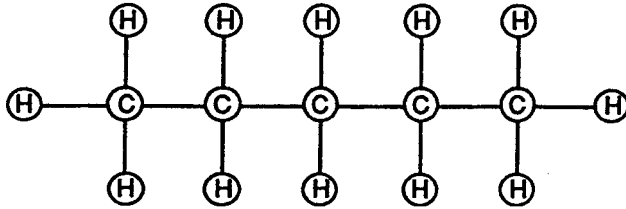
Gasoline / gallon ..... 22,800 BTU'S approx.

Thereby

Water Energy-yield (By ) is 2.5 times greater than Gasoline since the hydrogen content of water is more than twice that of fossil fuel of gasoline. (See U.S. National Bureau of Standards Monograph 168 (523 pages )(Feb.198 I ) Engineering Design Data Manual titled "Selected Properties of Hydrogen", CODEN NBSM A6 Library of Congress Catalog Card Number: 80-6(0195).

Natural Gas is composed of (5) carbon atoms and (12) hydrogen Atoms to form a molecule of gas.

(Tab 35)



Molecular Structure Of Natural Gas  
(Volumettic Displacement of Atom spheres)

Atomic Mass Unit:

1 Electron (E) = 1 Proton (P) ...• 1 Mu

Hydrogen Atom: 1 E = IP ...• 1Mu

Carbon Atom: 6 E = 6p ...• 6 Mu

Atomic Mass Ratio (Mur) of Natural Gas:

(12H x 1 Mu) plus (5C x 6Mu) = 42Mu's

\*\* See Appendix (B) Note (2)

Whereby

12H (Mu) divided by 42 (Mu's) = 28% of gas pound (lb).

Thus,

One pound (lb) of Natural Gas contains  
.28 lb of Hydrogen Atoms

Fuel Gas Contaminates: Cryogenic Processing:

12% Non-burnable Contaminates (carbon dioxide, heavy hydrocarbons, and Water vapor)

.28 lbs of hydrogen atoms x 12% = .28 lbs - .033 = .247 lbs Hydrogen atoms

Energy- Yield Potential:

.247 lbs hydrogen atoms - 10% (absorption Contaminates) = .247 - .024 = .223 lbs of hydrogen atoms available for gas combustion per pound of Natural Gas approximately.

Thereby

As to Normal Gas Burning Levels, One pound (1) lb of water contains approx. (.185) lbs of Hydrogen Atoms as compared to One pound (1) lb of Natural Gas which contains approx. (.223) lbs of Hydrogen Atoms. Water, of course, supplies its own oxygen to support the combustion process; whereas, Natural Gas must extract oxygen from air to produce thermal heat.

Energy Enhancement Process:

Energy Yield Enhancement of water is increase beyond Natural Gas burning rate by way of the Hydrogen Fracturing Process which simply prevents and/or retards the formation of the water molecule during thermal gas ignition/combustion ... Energy priming the combustible gas atoms by stimulating the Atomic Energy Balance of Water (memo WFC 424) undergoing "Voltage Tickling of State Space" ... to cause "Particle Oscillation" as a "Energy Generator".

Gasoline vs. "Water as Fuel": 50 hp Internal Combustion Engine

(Tab 36)

111 ml/min. gasoline consumption rate (on-road tested) @ 65 mph + 2.5 hydrogen-fuel of water = 44.4 ml min. water flow rate + 60 sec. =

.740 ml/sec water-fuel consumption rate @ 65 m.p.h.

Water Injection Cycle

(Tab 37)

3,000 rpm + 60 sec = 50 engine revolutions / sec + 2 (Distributor Turn Ratio) = 25 Rotor revolutions / sec x 4 Water-Fuel Injectors = 100 Injection cycle / sec. Therefore,

.740 ml sec water-fuel rate + 100 injection cycles / sec = .0074

ml or 7.4 Jll Water Droplet / injection cycle

Voltage Intensifier Circuit

40,000 volts @ 1 ma = 40 watts of applied electrical power

(Tab 38)

40 watts + 12 volts battery = 3.3 amp/hr. (current) draw capacity

100 amp hr. battery + 3.3 amp/hr. current consumption = 30.3 hr. battery-life without recharging.

Mode of Operability

(Tab 39)

Example: 148  $\mu$ l (1/8 Dia 2 cm length) Water Droplet + 7.4  $\mu$ l = 20 x 50 Bhp =

1000 Bhp I.C. Engine power-yield (gtnt) / injection cycle. (see Center for Electromagnetics Research, Northeastern University, Boston, MA. repon titled "Powerful Water-

Plasma Explosion" as to Kansas State University repon titled "Electrically Induced Explosion in Water" affixed to WFC International Independent Test-Evaluation Report. *Remember, water is 2.5 times more powerful (gtnt) than gasoline. (U.S. National Bureau of Standards) ... as so established under U.S. Patent Security Laws 35 USC 101.*

Note 1) The Electron Inhibiting Effect (631) of Figure (7-6) to cause "Electron Clustering" (Grouping/collecting negative charged particles at a given point) (700) of Figure (7-9) to produce "Negative Voltage Potential" ( B- ) at one side of Water Gap (Cp) of Figure (7-8) is accomplished by low electrical power input (Tab 38) when Choke-Coil (62) of Figure (7-1) magnetic field (FL2) (690) of Figure (7-8) during pulse on-time (49) impede "Electron-Flow" since electron mass is composed of electromagnetic matter which interacts with magnetic field strength (FL2). Capacitance Charging Effect (628) prevents amp influxing away from Water Gap (Cp) in a similar manner ... producing "Electrical Stress" (SS' - RR') (B+/B-) across Water Gap (Cp) since both Choke-Coils (56/62) conducts voltage potential (Negative or Positive) during pulsing operations.

Note 2) In determining volumetric sizing of the atom, Neutrons Clustering only enlarges the nucleus surface area since the additive Neutron (s) exhibits no electrical charge to deflect or change the orbital spin-velocity of the atom electrons.

Note 3) Universal Energy (9) of Figure (5-10) being a continuous energy potential (source) (C2) coming into our space continuum and creating and sustaining/maintaining our expanding universe, as so extrapolated via mass equation  $E=MC^2$ . Whereby, Universal Energy (C2) having native intelligence to create mass (M) (to cause electromagnetic wave-vectoring - photon structuring \_ electron to proton grouping to form atoms - molecular arrangements to bring-on chemical processes to sustain life) which, in turns, emits radiant energy (E) under different stimuli conditions ... example, particle oscillation as a energy generator by way of "Electrical Stress".