Magnatech™

INFORMATION SHEET

HOW DOES MAGNATECH HELP FUEL TO BURN MORE EFFICIENTLY?

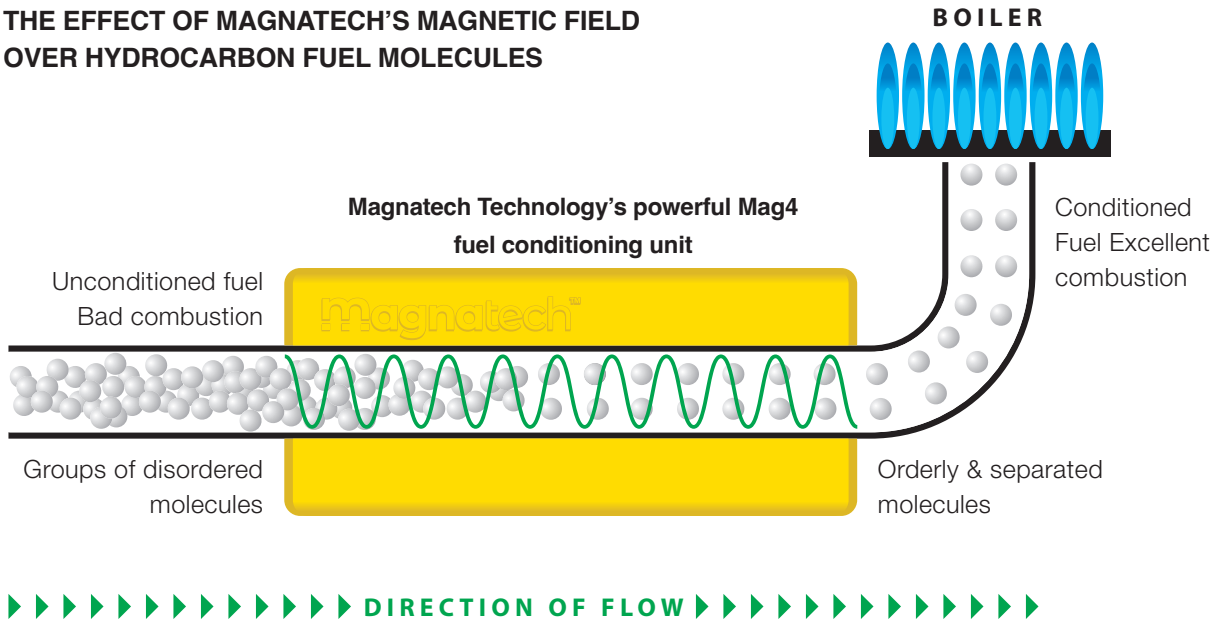
By temporarily polarising hydrocarbon molecules

In order to facilitate more economical burning, hydrocarbon fuel molecules can be temporarily polarised by exposure to the Magnatech Energy Saving System's external magnetic field, the effect is the production of an "electron dipole moment". In atomic physics, the electron magnetic dipole moment, is the magnetic moment of an electron resulting from its intrinsic properties of spin and electric charge* so that it behaves like a tiny bar magnet.

One consequence is that Magnatech's magnetic field exerts a torque on the electron. This temporary state effectively breaks down the fixed valance electrons that are part of the bonding process in fuel compounds and creates the right conditions for free movement of fuel particles causing the hydrocarbon molecules to become directionalised. Magnatech aligns them for a short time into a dipole relationship allowing rapid bonding with the oxidising media, this results in more oxygen bonding with the hydrocarbon molecules and ultimately causes a more rapid and complete burning of the fuel**. This is also because hydrocarbon fuel molecules, influenced by the magnetic field created by Magnatech tend to de-cluster, creating smaller particles more readily penetrated by oxygen, causing better combustion.

** Source: Wikipedia.org "Electron magnetic moment"*
***Reference: International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 8, August - 2013*

THE EFFECT OF MAGNATECH'S MAGNETIC FIELD OVER HYDROCARBON FUEL MOLECULES



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