

Catalytic fuel modification to increase combustion efficiency

Fitch catalytic cartridges reconfigure the hydrocarbon chains of gas and liquid fuels to increase the combustion efficiency of both liquid and gas fuels.

Due to catalytic treatment, the following effect occurs:

- Reduction of polynuclear aromatics and a simultaneous increase in the proportion of aliphates
- Increasing of the H-C ratio
- Increasing the Cetane Number
- Improving lubricity
- Reversing the process of natural fuel degradation



Common liquid fuels are:

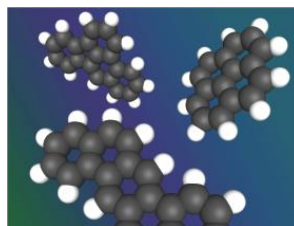
- Diesel fuel
- Biodiesel
- Diesel fuel for ships
- Heavy oils

Thanks to the catalytic treatment of fuels, there are significant savings in the operation of energy equipment and also in large diesel engines for trucks, buses, mining equipment, locomotives and ships.

Common gaseous fuels are:

- Natural gas
- Biogas
- Propane

In the case of gaseous fuels, the catalytic treatment causes better access of the combustion oxygen to the hydrogen atoms, thereby increasing the combustion efficiency.



Catalytic fuel treatment increases combustion efficiency, reduces consumption and reduces emissions, so it is both an economical and an ecological solution.



For detailed information on any solutions of your interest we are gladly available on our below contact:

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