



## Fitch Fuel Catalyst

Manufactured by Advanced Power Systems Inc  
558 Lime Rock Road  
Lakeville, CT 06039

APSI is the manufacturer of the Fitch Fuel Catalyst, a permanent fuel treatment device that reformulates fuel, resuscitates partially oxidized fuel, and suppresses growth of bacteria in fuel. This product insures that all fuel delivered to a combustion engine is in its optimal condition allowing a burner or engine to extract the maximum amount of energy with minimal emissions per kg of fuel.

The company entered into a Research Agreement with the Dept of Defense to prove the capabilities of the product originally developed for gasoline to fuels used by DOD, namely diesel and JP fuels.

In this program, APSI successfully demonstrated a fuel catalyst suitable for diesel fuel fulfilling the technical requirements outlined in the Department of Defense Policy Guidelines for Use of Aftermarket Fuel and Lubricant Products. This rigorous program evaluated the impact of the Fitch Fuel Catalyst on fuel as well as the impact on engines and burners using fuel treated by the catalyst. The company continues development on catalysts for JP fuels and natural gas.

### The Fitch Fuel Catalyst Product Credentials consist of:

- OEM truck manufacturers such as Oshkosh Trucks, Pierce Manufacturing, Crash Rescue, Emergency One and others offer Fitch as an OEM Option on their vehicles.



- Purchased by US Department of Defense – Navy and Army Divisions



- Fitch Technology – published in American Chemical Society
- 9 US/Int'l Patents
- Will Not Void A Manufacturers Warranty

- Used by companies such as Time Warner Cable, GTE Verizon, Conoco Phillips, Pepsi Co/Frito Lay and some of the largest railroad companies in the US.



- ASTM Independent Test Report – Fitch proves to raise Cetane Index and Lubricity in Diesel Fuel
- ASTM Independent Test Report – Fitch proves to suppress bacteria growth in diesel and gasoline
- The Fitch Fuel Catalyst has been tested at numerous independent laboratories including the following and reported beneficial fuel improvement and emission reduction with the use of Fitch.
  - Ocean Air Environmental – Mahesh Talwar Principal Investigator 805-386-1882
  - Automotive Testing and Development Services – Linwood Farmer VP - 909-390-1100
  - Interfleet Technologies Ian Silver Principal Engineer 011-44-(0)-1332-223185
  - Vehicle and Engine Emission Testing Service Ronkonkoma NY
  - Intertek, New Haven CT Syed Naqvi 203-467-3471 Laboratory Manager

\*All test reports are available upon request



- Warranted for 250,000 miles and offers a 90 Day Money Back Guarantee
- Manufactured to U.S. Coast Guard Specification 600 PSI operating pressure – US Military Lightweight High Impact Shock Test MIL-S-901D



The Fitch Fuel Catalyst models are available in “Drop In” tank applications which are the most commonly used in the Fire Truck and Crash Rescue Market. These units are easily installed directly into the fuel tank as shown in the Navy truck installation photo above. The Fitch Fuel Catalyst is also offered as an in line application that is installed by adapting to the fuel line. Please contact us if you would like a complete Fitch Fuel Catalyst information package and price/application chart.

**For further information, please contact: [nora@fitchfuelcatalyst.com](mailto:nora@fitchfuelcatalyst.com) or toll free 888-881-2774**