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## Cyclone Power Technologies Performs Combustion Tests of Gulf Crude Oil

**POMPANO BEACH, FL, July 20, 2010.** [Cyclone Power Technologies, Inc.](#) (Pink Sheets: CYPW) has successfully performed combustion acceptability tests of crude oil recovered from the **Gulf of Mexico** with its award-winning, heat-regenerative **external combustion engine**.

During the tests, Cyclone ignited a small amount of crude oil spilled from the **Deepwater Horizon** accident through its combustion chamber fuel atomizers without any system modifications. The resulting heat (measured in BTUs) was sufficient to power Cyclone's 100hp Mark V engine, further demonstrating the total flexibility of Cyclone's **compact steam engine** to generate power from virtually any fuel source.

"We limited the tests in duration and volume in order to avoid environmental or health dangers, which are a concern when handling this substance," stated Cyclone CEO, Harry Schoell. "For just such reasons, the viability of using crude oil in Cyclone engines to power specialized marine vessels could present some interesting commercial possibilities for the future."

"An **unmanned surface vehicle** that searches for spilled oil on the open seas or along coastlines is completely feasible," according to Dr. Robert Finkelstein, President of [Robotic Technology, Inc.](#) "Potential missions include locating, collecting and reporting the position of small oil spills to a control center while getting its energy from skimmed oil so that it can continue its mission indefinitely." Cyclone is currently working on a [DARPA](#)-sponsored Small Business Innovation Research (SBIR) project with Robotic Technology to develop an unmanned **robotic vehicle** that can harvest and fuel itself from land-based vegetative biomass.

The Gulf oil combustion test was performed in conjunction with [Unified Fuels LLC](#) of Foley, Alabama, a development partner of Cyclone. Unified's proprietary waste-to-fuel systems utilize a form of distillation to create diesel or gasoline from biomass feedstock. In the current experiment, Unified was able to use the same process to separate crude oil recovered from a private beach in southern Alabama from sand, volatile organics and other non-organic impurities.

"Living in the affected areas of the Gulf, we are especially concerned with the remediation and clean-up of the spilled oil," stated Gary Champagne, CEO of United Fuels. "There are better ways of disposing of this substance than throwing it into landfills - recycling it for use in compact and portable power systems like Cyclone's could be one very good alternative."

## **Corporate Profile**

Cyclone Power Technologies is the developer of the award-winning [Cyclone Engine](#) - an eco-friendly external combustion engine with the power and versatility to run everything from portable electric generators and garden equipment to cars, trucks and locomotives. Invented by company founder and [CEO Harry Schoell](#), the patented Cyclone Engine is a modern day steam engine, ingeniously designed to achieve high thermal efficiencies through a compact heat-regenerative process, and to run on virtually any fuel - including bio-diesels, syngas or solar - while emitting fewer greenhouse gases and irritating pollutants into the air. Currently in its late stages of development, the Cyclone Engine was recognized by Popular Science Magazine as the Invention of the Year for 2008, and was presented with the Society of Automotive Engineers' AEI Tech Award in 2006 and 2008. Additionally, Cyclone was recently named Environmental Business of the Year by the Broward County Environmental Protection Department. For more information, visit [www.cyclonepower.com](http://www.cyclonepower.com).

## **Media Contact**

Will Wellons  
407-462-2718  
[will@redletterpr.com](mailto:will@redletterpr.com)

## **Company Contact:**

Frankie Fruge  
954-943-8721  
[Frankie@cyclonepower.com](mailto:Frankie@cyclonepower.com)

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**Cyclone Power Technologies, Inc.**

601 NE 26th Court  
Pompano Beach, FL 33064  
T: 954-943-8721  
F: 954-788-6565

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