

# **Hydro Dynamics, Inc.**

Harnessing the Power of Cavitation



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For Immediate Release

## **Hydro Dynamics partner World Energy to promote SPR cavitation biodiesel reactor technology at Biodiesel Expo in Las Vegas**

Rome, Georgia- Hydro Dynamics, Inc. ([www.hydrodynamics.com](http://www.hydrodynamics.com)), makers of innovative ShockWave Power Reactor (SPR) and World Energy ([www.worldenergy.net](http://www.worldenergy.net)), will be exhibiting the SPR biodiesel reactor starting today at the Biodiesel Expo in Las Vegas in booth #629. The Biodiesel Expo will run February 4-7, 2013 and more information can be found on their website <http://www.biodieselconference.org>.

Harnessing the power of cavitation, the ShockWave Power Biodiesel Reactor drives the transesterification reaction to completion in seconds. In true continuous or batch systems, the SPR gives biodiesel producers greater feedstock flexibility and the power to achieve consistently superior quality. The SPR can improve processes to reduce monoglycerides and reduce catalyst utilization. First commercialized for use in biodiesel applications at World Energy's US Biofuels production facility in Rome, Georgia, in 2005 the ShockWave Power technology is now in widespread use throughout the biodiesel industry. With over 400 million gallons of annual reactor capacity already installed, the ShockWave Power Reactor is setting a new standard for efficient biodiesel production.

### **About Hydro Dynamics**

Hydro Dynamics is the developer of a patented process intensification technology enabling customers to solve critical mixing and heating problems. Reactors are operating on four continents in applications ranging from increasing biofuel production yields to more efficient mixing of chemical substrates. The ShockWave Power Reactor allows customers to significantly decrease operational and capital costs and increase profits while reducing the environmental impact of many processes. Learn more at [www.hydrodynamics.com](http://www.hydrodynamics.com).