



Advanced Biofuel Solutions

June 9, 2011

For Immediate Release

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GENERAL BIODIESEL RUNS ON SHOCKWAVE POWER™

*One Of The West Coast's Leading Clean Tech Companies Upgrades To
The ShockWave Power™ Reactor*

Advanced Biofuel Solutions announced that General Biodiesel has installed the ShockWave Power™ Reactor to enhance its biodiesel production. General Biodiesel, a clean tech company pioneering the use of waste fryer oil to produce low carbon biodiesel in Washington State, recently upgraded its production facility. While others have struggled with yellow grease or used cooking oil, General Biodiesel has successfully produced superior quality biodiesel from this feedstock using the ShockWave Power Reactor.

Having purchased an existing biodiesel production plant, General Biodiesel pursued an ambitious plan to expand the plant's feedstock capabilities and raise the quality standard of the biodiesel produced at the facility. As part of this plan, General Biodiesel installed a ShockWave Power™ Reactor to enhance its reaction capabilities. Harnessing the power of cavitation, the ShockWave Power™ Reactor drives the transesterification reaction further to completion than conventional mixing systems. Even with a low quality feedstock such as yellow grease, the ShockWave Power Reactor can be used to produce consistently high quality biodiesel with lower monoglyceride and total glycerin values.

“We have operated the SPR for more than six months using yellow grease to produce ASTM grade biodiesel. I am very impressed with the Shockwave Power™ Reactor; it really does help with the speed up times of glycerin separation.” Mr. Yale Wong, CEO/Founder, General Biodiesel.

The ShockWave Power™ Reactor (SPR) is manufactured by Hydro Dynamics, Inc., a world leader in process intensification and heating applications. In cooperation with Advanced Biofuel Solutions, Hydro Dynamics offers reactor systems to the biodiesel industry for every size of plant and the expertise in biodiesel processing necessary to implement its reactor solutions in any new or existing biodiesel production facility.