



Advanced Biofuel Solutions

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For Immediate Release

SHOCKWAVE POWER™ PRESENTATION AT THE AICHE SPRING MEETING

*The Advantages Of Biodiesel Production Using ShockWave Power™
Reactor Technology Were Discussed During Well Attended Technical
Program*

Rome, Georgia- Daniel Armstead, Director of Technical and Engineering Support of Hydro Dynamics, Inc., spoke to a packed audience at the AICHE Spring Meeting on the development of an alternative cavitation-based reaction process for biodiesel production. Mr. Armstead's presentation, entitled "The Use Of A Controlled Cavitation Reactor For Bio-Diesel Production", was made during the program, "Biodiesel Production Via Alternative Routes."

Mr. Armstead was invited by the AICHE program chair to speak on the use of the ShockWave Power™ Reactor in biodiesel production, due to the enormous interest that the technology has received from this growing industry. Harnessing the power of cavitation, the ShockWave Power™ Reactor has been found to drive the transesterification reaction to completion in seconds. Whether in a continuous or batch system, the ShockWave Power™ Reactor has been shown to give the biodiesel producer greater feedstock flexibility and the power to achieve consistently superior quality reactions. Due to its high production capacity and small footprint, the ShockWave Power™ technology has been selected for some of the largest biodiesel plants being designed and built today.

The ShockWave Power™ Reactor (SPR) is manufactured by Hydro Dynamics, Inc., a world leader in process intensification and heating applications. In cooperation with U.S. Biofuels, Inc., an internationally respected biodiesel producer, and 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 their reactor solutions in any new or existing biodiesel production facility.

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