



**HOT, COLD, WET OR DRY, GRAPHALLOY®  
BEARINGS WORK WHEN OTHERS FAIL.**



## GRAPHALLOY® Solves a Biodiesel Fuel Development Problem

### GRAPHALLOY Is The Solution When Standard Bearings Are Not an Option

A machinery design company in Alabama was using steam, high temperature (up to 1000 degrees F) and an inert atmosphere to convert wood chips and used cooking oils into biodiesel fuel. Because standard bearings were not an option in this environment, GRAPHALLOY provided a solution.

The production of biodiesel fuel is important because it is biodegradable, non-toxic, clean-burning and renewable. Additionally, it burns much cleaner than petroleum-based diesel, creating about 60% less net carbon dioxide emissions. These factors make it an ideal fuel for buses, trucks and farm equipment.



This company's design uses several standard bushings as well as custom-sized bushings for their prototype machines. GRAPHALLOY's diverse mountings and extensive experience proved valuable in developing a solution for this difficult environment.



Alternative fuel manufacturing is a growing field due, in part, to efforts to decrease dependence on petroleum-based fuels. GRAPHALLOY will continue to be a valuable resource for these high-temperature applications.