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The Future of Fuels: Biodiesel

Division: Health Sciences

Category: Senior

Region: Rideau-St. Lawrence

City: Smiths Falls, ON, Lombardy, ON

School: Smiths Falls District Collegiate Institute

Abstract: The idea of this project was to take used kitchen grease and turn it into a viable fuel to be used in vehicles. First the grease is filtered to remove unwanted particles. Then methanol and lye are added. The unwanted particles settle at the bottom, and the Bio-Diesel is pumped through a final oil filter and is ready to be used in a Diesel engine.