

# Runnin' on Montana **BIODIESEL**



## PROJECT COMPONENTS

- **USE OF MONTANA BIODIESEL**  
Up to 24,000 gallons of Montana biodiesel will be used in a BNSF Railway switch locomotive engine as a 20-percent biodiesel blend throughout the 1-year duration of the project under adverse weather conditions in Montana.
- **ASSESS ENGINE PERFORMANCE**  
Regular emissions testing and locomotive engine maintenance that includes oil analysis, fuel analysis, injector evaluation, engine performance, fuel consumption and durability.
- **PROMOTE BIODIESEL PRODUCTION**  
Mobilize oilseed producers and refiners, businesses, governments, railroad industry and other markets to meet potential demand.

## Developing Railway Markets for Montana Biodiesel

By matching regional capacity for expanded biodiesel production with the railway industry's probable emerging need for alternative fuel, this project offers the potential for Montana biofuel and oilseed producers to present a business case that could help decide the use of biodiesel in the industry's fueling operations once there is sufficient data to support its safe and reliable use.

The project is a result of an ongoing partnership between BNSF Railway, Montana State University Northern Bio-Energy Center, Opportunity Link, Bear Paw Development Corporation and Earl Fisher BioFuels with support from the Montana Department of Agriculture and the Montana Department of Environmental Quality.

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