Annotated Bibliography for *Greasy Rider* by Greg Melville

Adult

Biodiesel: A Realistic Fuel Alternative for Diesel Engines. Demirbas, Ayhan. Describes the production and characterization of biodiesel, along with current experimental research work in the field.

Biodiesel: growing a new energy economy. Pahl, Greg. Describes the historical development of biodiesel and assesses the current state of this renewable fuel industry. Describes the processes of biodiesel production, explores its environmental impact, looks at the use of biodiesel fuels in Europe and the United States, and explains the complex politics surrounding biodiesel projects.

Biofuels in the Energy Supply System. Welborne, Victor. Biofuels are enjoying a boom throughout the world. Led by ethanol and biodiesel, they are beginning to power planes and automobiles in larger and larger numbers.

Do-It-Yourself Guide to Biodiesel. Purcella, Guy. Offers a step-by-step path from the initial desire to do something good for the environment to the final stage of filling the tank with low-cost fuel. Counters the common myths about biodiesel and details its benefits. Explains in simple terms the procedures and the equipment needed to safely and properly make biodiesel at home, in small or large batches.

Environmentally Conscious Transportation. Kutz, Myer. Provides a foundation for understanding and implementing methods for reducing the environmental impact of a wide range of transportation modes, from private automobiles (with a separate chapter on biofuels) to heavy trucks and buses to rail and public transportation systems to aircraft.

Handbook of Plant-based Biofuels. Pandey, Ashok. Focusing on some of the most important alternate energy sources for the foreseeable future, the book provides state-of-the-art information on the status of the production of biofuels, in particular, bioethanol and biodiesel.

Run Your Diesel Vehicle on Biofuels. Starbuck, Jon. Explains the basics of converting vegetable oils to biodiesel, how to build and properly use a home-made biodiesel reactor and demonstrates how to run a vehicle on waste vegetable oil available at no cost from many fast food outlets.

SVO-Powering Your Vehicle with Straight Vegetable Oil. Forest, Gregg. Cuts through the masses of often contradictory, erroneous and confusing information on the subject and provides a practical guide. It also, importantly and uniquely, explains what is necessary to convert a diesel engine and how to do it properly.

There is a Silver Bullet. Edwards, James, B. The U.S. consumes 140 billion gallons of gasoline per year; 50 million acres of switch grass could produce enough ethanol to meet all of our fuel requirements.