



DarkStar VI – 841 St Louis Rd. Collinsville, IL 62234 – www.BiodieselGear.com

One Stage – Base Process

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This process is designed for use with feedstock of either waste vegetable oils (WVO) or neat vegetable oils (NVO).

1. Filter and measure the desired amount of feedstock into the reaction vessel.
2. Heat the feedstock to 50C(120-125F) - (hold this temp through out the process)

While the feedstock is heating, prepare the Methoxide.

- 25% Methanol/liter WVO
- 5.0 grams of Sodium Hydroxide/liter of NVO or See [Titration](#) for amount of Sodium Hydroxide for WVO.

(Example: If you are processing 100 liters of NVO your Methoxide will consist of 25 liters of Methanol and 500 grams of NaOH.)

3. Introduce all the prepared Methoxide into the reaction vessel.
4. Mix very vigorously for 30 minutes (minimum). (The more violent, the better.)
5. Remove the heat and let the mixture settle for 3 hours or overnight.

The next day...

6. Drain the glycerol from the reaction vessel.

Now you can wash, dry and filter your Biodiesel.