

**USFuelTech Production Needs Assessment
Biodiesel Production**

In order to more fully assess your technology needs, USFuelTech respectfully asks your cooperation in completing the basic information listed below.

Since there are so many variables, and custom configurations, we are not able to give quotations unless we know as many of your particular needs as possible.

Please print out, complete, and return to:

sales@usfueltechinc.com

We will promptly respond with an idea of the costs and time frame required.

Thank you for your interest in USFuelTech!

Your Contact Information:

Name_____

Company Name_____

Phone numbers_____

Email Address_____

Website Address_____

Where is your plant going to be located?

USA_____

City_____ State_____

Country_____

City_____

Since any sized project is complex, we respectfully ask that you complete *both sections* of our Needs Assessment so we can determine the best technology course of action for your project based on the answers you provide.

**USFuelTech Production Needs Assessment
Biodiesel Production**

Section ONE

1. What experience to you have making Biodiesel, or your general knowledge about the commercial operation of a Biodiesel processing plant?

Please explain:

2. Do you have a reputable and reliable source of Feedstocks?

Yes _____ No _____

Is the source local, or are you importing it? Local _____ Imported _____

Do you have an idea of the Total Free Fatty (FFA) levels? Yes _____ No _____

Please give us that FFA level: _____

Have you determined to only work with one type of Feedstock, or will you have the flexibility of sourcing and processing many kinds of Feedstocks depending upon prevailing market conditions?

Yes _____ No _____

Have you seen a full chemical analysis of the proposed Feedstocks?

Yes _____ No _____

If importing Feedstocks, have you contacted an independent 3rd party to assay, weigh and bond the Feedstock shipments? Yes _____ No _____

3. Do you have enough cash on hand to enter into, at a minimum, a 90 day contract for Feedstocks? Yes _____ No _____

4. Is a buyer already lined up and contracted, and do they realize that they will have to take your finished Biodiesel on a Cash On Delivery (COD) basis?

Yes _____ No _____

5. Have you already investigated all the local zoning and permitting issues involved with operating a Biodiesel facility? Yes _____ No _____

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Have you spoken with a local Commercial Insurance Broker regarding your project? Yes_____No_____

6. Have local Fire Marshall rules and requirements been considered?
Yes_____No_____

7. How many other Biodiesel equipment manufacturers have you previously contacted?

Overall, were you satisfied that they simply gave you a price, or did they really show a genuine interest in making your project succeed?

Please explain below:

Section TWO

1. Site acquisition

Do you currently have a site available? Yes_____No_____

2. Funding

Is your funding complete? Yes_____No_____

Approximate Budget? _____

What is your timing to start operations?

3 Months_____

6 Months_____

1 Year_____

3. Volume Production Projections per year.

Please specify your measurement preference

Gallons_____

Liters_____

Quantity of B100 produced per year

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1-3 _____
3-5 _____
6-10 _____
10- 50 _____
50+ _____

4. Permitting

Are all your environment and zoning permits in place? Yes _____ No _____

Need assistance with environmental permitting (US only)? Yes _____ No _____

5. Proposed Site Specifications

Does your site have the following:

Adequate existing building/shelter: Yes _____ No _____

Approximate sizes
Total Property Site _____

Approximate building size: _____

Adequate lighting inside and out? Yes _____ No _____

Fenced perimeter and other security measures? Yes _____ No _____

Fuel farm for storage and dispensing? Yes _____ No _____

Storage facility for Feedstock processing? Yes _____ No _____

Storage facility for waste Glycerin? Yes _____ No _____

Adequate commercial power available? Yes _____ No _____

Water for bathroom, fire suppression and decontamination station? Yes ___ No ___

Rail Access? Yes _____ No _____

Switched siding or dual tracks? Switched _____ Dual _____

Tanker Car dispensing gantry, meter and hoses? Yes _____ No _____

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Canal or River Access? Yes_____No_____

Barge dispensing gantry, meter and hoses? Yes_____No_____

Adequate maneuvering areas for Tractors with Tankers? Yes_____No_____

6. Feedstocks

Please check all Feedstocks that you plan to use.

Virgin Oils_____

Yellow Grease_____

White Grease_____

Beef Tallow_____

Poultry Fat_____

Hog Fat_____

Other_____

NOTE: *Certain oils, both virgin as well as Waste Vegetable Oils (WVO's), contain excessive levels of Free Fatty Acids; FFA's.*

Any Feedstock whose total FFA level exceeds 3% is not a suitable Feedstock for USFuelTech's processing technology, and must be reduced prior to being considered for processing into Biodiesel.

We recommend, and can provide at additional cost, one of two systems that will reduce the FFA's.

One is an Acid Esterification system and the other is a Glycerolysis processor. Both will take exceedingly high FFA levels and reduce them to the optimum range of 1%-3% Total FFA.

Once we know the details of the Feedstocks needed to be remediated, we can make an informed recommendation as to which system would work best for your operation on the Feedstock of your choice.

If you have any additional comments, please place them in the body of the email.

Once completed, please return to: sales@usfueltechinc.com