

## 5 MGY Biodiesel Plant

### [Inventory ID #1128229]



#### 5 MGY Biodiesel Plant

- Capacity: 5 MGY (Million Gallons per Year).
- Developed By: Jatro Renewables
- Built: 2015
  
- Design: Super Critical Reactor Type
  - SuperCritical (Super™) Differs from Traditional Biodiesel
  - No Catalyst – Uses Water and Reactors
  - Higher Profit Margin
  - Feedstock Can be Very High FFA, Can Handle up to 100% FFA
  - Results in Purer Glycerin
  - Produced Biodiesel is Clear
  
- Main Advantages of Super Critical Reactor System
  - 100% Catalyst free (Prevents Contamination of Glycerin, Yielding Almost Double Market Value vs Processes Using a Catalyst)
  - Truly Multi-Feedstock Capable
    - Example: Brown Grease. This SuperCritical Plant has No Problem Running Brown Grease Whereas Only About 2% of Traditional Biodiesel Plants Can Run Brown Grease, Then They Limit to 15% FFA
  - Feedstocks Can Be Up To 100% FFA (Free Fatty Acid)
  - High Value Glycerin at 94% vs. 80% Purity (Market at About \$0.46/lb vs \$0.26/lb)
  - Can Use High-Sulfur Feedstocks
  - 20% Lower OpEx Compared to Traditional Technologies
  - Fully Automated, Low Maintenance
  - Patented (No Royalties)

- Operational Enhancements (vs Traditional Biodiesel)
  - Can Run a Variable Schedule.
  - Process Is Continuous Type But Can Be Run Like Batch Type
  - Can Run a Batch-Like Operation if Desired
    - Can run a Week or 2 Then Down for a While
    - Day Shifts But Not 24/7
    - Can Even Shut Down Part Way Through The Process and Start Back Up Next Day
  
- Plant Condition
  - Idled, Cleaned, Hydroblasted - Ready to Remove & Load
  - All Structure, Piping, Instruments, Controls, FF&E Included
  - Some Minor Equipment Reconditioning Required – List Available on Request
  
- Operating Cost Cheaper than a Conventional Catalyst Biodiesel Plant
- Output Biodiesel is Much Clearer than Conventional Biodiesel
- All Assets Are For Sale as an Entity - Must Be Relocated
- Includes Lab Equipment
- Building is Not Included
- Operated from Nov 2015 to 2019, Now Idle
  
- Location: USA

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