

dPti

Differential Pressures Technology Inc.

BIODIESEL / BIOFUEL / WVO DRY WASHING SYSTEMS:

- Cost-effective biodiesel / biofuel / WVO clarification with low operating costs
- Choice of filtration technologies with explosion-proof pneumatic / hydraulic & automation options
- Highly reliable, low maintenance, simple operation with minimal operator training
- High quality (ASTM-D6571) biodiesel in reduced process time with environmentally friendly by-products & no hazardous waste

BIODIESEL FILTRATION

TECHNICAL HIGHLIGHTS



The **D-SOL® Filter Adsorbent Dry Washing System** utilizes a small footprint 2-Step Process to quickly & cost-effectively separate contaminants away from the purified biodiesel product:

STEP 1 - DRY WASHING

- Add (typically about 1%) D-SOL® adsorbent powder to your transesterified biodiesel process stream
- Thoroughly blend the biodiesel/particulate mixture in the DPTI Filters in mixing tank
- Contaminants are rapidly adsorbed onto the high surface area of the silicate particulate
- The Dry Washing Process is now complete, but the contaminant loaded particulate remains within the biodiesel stream

STEP 2 - FILTRATION

- The Dry Washed biodiesel / particulate suspension is now sent to the most appropriate biodiesel DPTI filter for separation
- Particles down to 1 micron in size are removed producing high quality biodiesel for end use and a resaleable, environmentally friendly byproduct for animal feed and fertilizer



For further information, please contact
Mr. Jimmy S. Palaroan

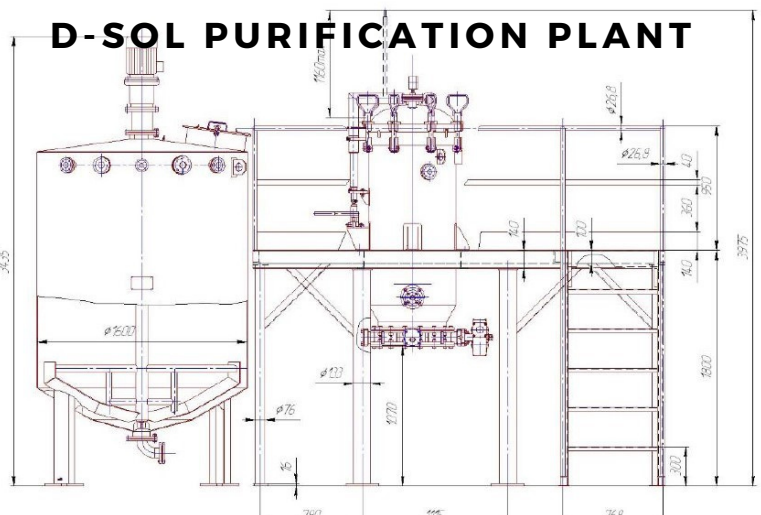
3F Unit 8, Remenes Center,
22 National Road,
Putatan, Muntinlupa City
Philippines 1772

Tel: 8-862-3094

Fax: 8-862-3095

Mobile: +63917-899-5645

Email: sales@dpti.com.ph



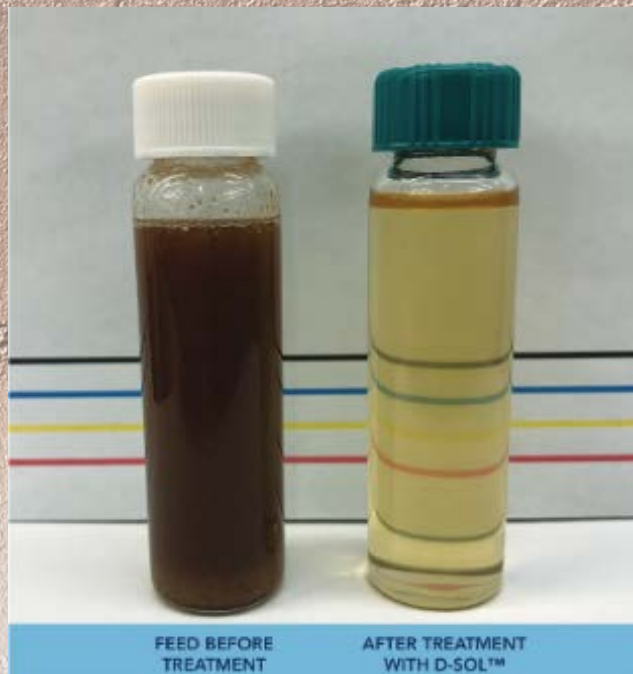
IMPROVE FEEDSTOCK QUALITY AND EFFICIENTLY POLISH YOUR BIODIESEL PRODUCT WITH D-SOL®

D-SOL® was the first adsorbent introduced into the biodiesel market and is the original Dry Wash™ agent.

D-SOL® products efficiently improve feedstock quality to enhance efficiency and productivity while also being used as a final polish to meet B100 specifications.

These magnesium silicate-based products provide customized front-end and back-end solutions for all feed materials and biodiesel production technologies used.

D-SOL® simply and efficiently removes polar contaminants such as water, metals, soaps, glycerin, sterol glucosides, gums and waxes. Let our experts work with you to simplify your process, improve productivity and maximize your profits.



SAVE TIME

Purify biodiesel in minutes without messy emulsions



SAVE ENERGY

Reduce or eliminate wash water – no drying required



SAVE CAPITAL

No expensive centrifuges, dryers, and large settling tanks



D-SOL® simply and effectively:

- Removes contaminants
- Enables use of cheaper feeds
- Utilizes the original Dry Wash technology
- Debottlenecks operations and extends capacity
- Improves consistency in operations and product
- Increases your bottom line!



D-SOL

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