## **BioFuels**

Stainless and Carbon
Steel Shop Built Tanks, Shop Built Presure
Vessels and Field Erected Tanks



It is all good design, quality, delivery and cost.













### **Facility**

- AGI has 50,000 sq feet of heated production space to serve our clients.
- · We have in house tank lining and insulation facility.
- AGI has a Computer Controlled Automated Tank line. Our new tank line provides us with consistent tank shell fit up. Our automated tank line provides us with consistent and superior machine welding as opposed to hand held welding.

#### **Experience**

- · AGI has worked on both Katzen & Delta T designed ethanol plants.
- For Ethanol AGI has built Beerwells, Fermentation Tanks, Product Storage Tanks, Mol Sieve Vessels, Acid Tanks, Caustic Tanks etc ...
- For BioDiesel AGI has built Reactor Tanks, Settling Tanks, Wash Tanks, Methanol Tanks and Product Storage Tanks.
- AGI can also manufacture complete dispensing systems to retail E85, B2, B5 and B20 to end users. These dispensing systems can include a blending dispenser, a double wall tank and a card lock.

### Design

- · We have our own in house design and drafting department.
- Our 3d cad software makes us the best at custom work. We use our cad software to make a scaled version of your project before we build it. The scaled version lets us see problems long before they hit the shop.

### **Quality**

- · AGI has a documented quality control program.
- API Q1 / ISO 9001: 2000 quality manual for API tanks
- Quality control manual for pressure vessels approved by Sask Boiler and ABSA
- · Both CWB and ASME welding procedures
- · API 653 Tank Inspector and API 510 Vessel Inspector on staff
- · NACE paint Inspector on staff
- All tanks and vessels that run through our automated tank line are 100% ultrasonically tested. These tests are documented and available to our clients.

#### Cost

- Our overhead in Saskatchewan is less than any other manufacturer in Western Canada. We pass these savings onto our clients.
- Our unique Automated Computer Controlled Tank Line makes us the most efficient tank manufacturer in North America. We pass these savings onto our clients as well.

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## AGI – Bio Diesel Samples









### Ethanol Plants

AGI has built Tanks for Delta-T and Katzen ethanol plants. If you are not sure what you need AGI can work with you to build the correct tank.



AGI has experience in building the following:

Beer Well Tanks
Ferment Tanks
CIP Caustic Tanks
Clean Caustic Tanks
Denaturant Storage Tanks
Ethanol Shift Tanks
Liquifaction Tanks
Mash Tanks
Mol Sieve Pressure Vessels
Nutrient Mix Tanks
Ethanol Storage Tanks
Whole Stillage Tanks
Yeast Slurry Tanks



## AGI – Ethanol Tank Samples





## Bulk Lube Oil Storage

#### The Design

With AGI's heated Envirotank it is now possible to store bulk lube oil outside and pump the oil during the winter. We took one of our quality built double wall Envirotanks and added an efficient heating and pumping systems.



#### The Advantage in Owning a Double Wall Envirotank

- Requires 50% less installation area as opposed to single wall tank with a dike.
- No dikes or liners required.
- No excavation required. No contamination.
- Minimum site preparation required.
- Both your tank and your containment remain an asset to your property rather than a liability. You can relocate an Envirotank easily to a new piece of property or sell the tank separate from your property.



- The pump and all piping are contained within the heated cabinet. This insures that your oil can be moved during the harshest of Canadian winters.
- The pumping and heating system is an integral part of the Environant
- This allows the Envirotank to be relocated with minimum amount of work.
- Storing bulk oil outside does not use up expensive warehouse space.
- No risk of building fires because the oil is stored outside.
- No expensive fire proof rooms are required because the oil is not stored inside. (see National Fire Code)

