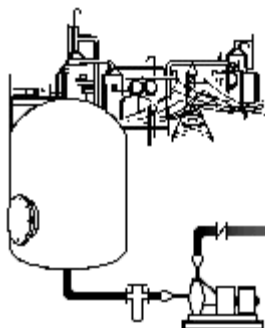


Why consider fiberglass?

- As much as 1/10th the weight of comparable metal systems can result in lower cost in structures and supports for pipe, valves, and accessories.
- Non-sacrificial corrosion liner means no scaling, rust, or reduction in wall thickness compared to metal, resulting in less flow loss and longer service life.
- Smoother internal surface combined with larger nominal ID potentially means less pump horsepower and therefore less power consumed to operate over the life of the system.
- Span capabilities can exceed those of metal and thermoplastics.
- End loads due to thermal expansion and contraction are as much as 1/25th that of metal.
- Little to no maintenance required to maintain the system under normal operating conditions.
- Options available at the manufacturing stage for fire resistance, reduced smoke generation, and abrasion resistance.
- Wide range of resins and corrosion barriers allow for the use of fiberglass in many different service conditions.
- Easily engineered for both above ground and below ground applications.
- Installation time of fiberglass can be as much as 35% of stainless steel for significant cost savings.
- Variety of finish colors available.

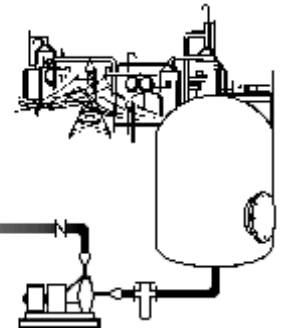
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Mobile Storage Tanks

Case History CCH5002



Application: Transformer Cooling Oil

Location: Various locations in the state of Texas

Product(s): 3,000 gal & 6,000 gal double-wall FRP Tanks by Belco Mfg.

Features & Benefits: Mobile tanks-on-trailers allow field service crews to service and maintain electrical transformers on-site by draining the cooling oil into the FRP tank, then re-loading the oil when service is complete. The mobile, double walled FRP tank is a safe, cost effective method of short-term oil storage. The mobile nature of the tanks allow for a small fleet of tanks, trailers, and truck to service a large geographical footprint.

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The 3,000- and 6,000-gallon FRP double wall tanks used on this project are designed to be transported empty to the on-site service location.

The cooling oil is removed from the transformers, placed into the FRP tank, and stored there until service on the transformer unit is complete.

The oil is then removed from the storage tank, placed back into the transformer unit, and the transformer is then put back in to service.

The tank is then placed back in to the transport position by reversing the steps used to place it in the up-

right oil storage position (see opposite page). Once the tank is empty and laying flat on its attached trailer, it can then be transported to another service site for oil storage use.

The double wall design of the FRP tank eliminated single-wall tank leaks, which are a leading cause of EPA fines and citations. Primary containment wall leaks are contained by the secondary tank wall, and are easily seen via the leak detection sight tube built in to each FRP tank.

A list of some of the standard and optional equipment on each FRP tank:

- Top manway
- Screened u-vent
- Threaded inlet, outlet, sight tube connections
- Threaded drain connection
- Leak detection sight tubes
- Threaded ball valves
- Gallonage strip(s)
- Nameplate, NFPA signage
- Instruction and use signage
- Trailer-stored flat plate(s) for tank bottom stability when standing upright



Each tank's trailer is custom designed and meticulously balanced to provide a smooth and easy transition from horizontal to vertical with minimum manpower, and using no equipment except the vehicle used to transport it. In fact, it's so easy to operate, one person can handle it by themselves!



Tank trailer unlocked and lowered, ready to be "stood up".



Bottom of trailer set on the ground while the truck backs up.



Truck backing up further, pivoting the trailer arm and moving the tank closer to upright.



Tank close to vertical setting with flat plate underneath for tank bottom stability on loose-surface areas.



Tank fully vertical, ready for storage operations.