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**IN-TANK
SAMPLERS**

**BULLETIN 154
(9-02)**

IN-TANK SAMPLERS - IMPROVED DESIGN

- **No copper or brass**
- **All stainless steel and aluminum**
- **Model GTP-9090 has a capacity of 1 U.S. gallon (3,785 ml)**
- **Model GTP-9021 has a capacity of 1/3 U.S. gallon (1,260 ml)**
- **Stainless steel chain is tangle resistant, 65 feet (18,300 mm)**

With a one-gallon capacity, our model GTP-9090 is welcomed by technicians because they no longer must collect repeated samples to obtain enough liquid for the laboratory tests.

If lowered to the bottom of a tank, the sample will be collected at a level 14.2 in (368 mm) above the bottom for model GTP-9090 and 10.8 in (275 mm) above the bottom for model GTP-9021. These samplers are not designed to sample the very bottom of the tank. To meet that requirement, we recommend a Bacon Bomb as described in our Bulletin 115.

SAFETY FROM AN ELECTROSTATIC STANDPOINT

Yes, our samplers come with 65-foot (18,300 mm) long stainless steel chains so that the sampler can be grounded to the tank. The greatest danger on tank operations occurs when an "unbonded charge collector" is inserted. If a sampler or any other object enters the tank, there exists a real danger of sparking. Our instructions state that the heavy-duty clamp be attached first to a metal component of the tank, being careful to remove paint or rust that may prevent continuity. The sampler may then be lowered safely into the tank. Rope or cord must never be used.



The unique model GTP-9021 was developed specifically to fit through the small gauging found on U.S. Air Force bases where level gauging electric cables are also present. It was important that there be no tangling of our sampler with those cables and that those cables not be damaged. Therefore, the outside diameter is only 3.1 in (79 mm).