

Handling instructions for sampling pump

The sampling system offers a simple, professional way of drawing representative samples of fluids even from difficult reservoirs. With correct handling the pump keeps itself clean and will give sample after sample from different containers and different media's without risk of cross contamination.

This is how to take a sample

1. Cut a suitable length of tubing. Push one end through the pump head, just enough to be seen on the bottle side. Lock the tube to the pump by turning the tube-coupling knob.
2. Screw a bottle on to the pump.
3. Put the other end of the tube into the fluid, deep enough to reach the exact spot from where you want to draw the sample. Use a pointer if it is necessary.
4. Build up vacuum in the bottle by pumping a few strokes and the flow will start. Make sure you hold, or place, the pump higher than the surface of the fluid you are sampling and keep it upright or you may get oil into the pump.
5. If you have pumped up too much vacuum, you will have to follow the flow. When you have reached desired level, you must loosen the bottle and the flow will stop immediately.
6. Unscrew the sample bottle and cap it.
7. Wipe or cut off the end of the tube pointing through the pump and pull out the tube.
8. Pull the tube out of the reservoir and take care of it in an environmental friendly manner.
9. Now you are ready to start over again and take the next sample.

Common errors when sampling.

Make sure to keep the pump with the bottle upright or oil will enter the pump, causing cross contamination. If this happens the pump must be taken apart for cleaning. This is however fairly simple to do, as the pump is all screwed together..

Only pump two to four quick strokes, not more for a 100 ml bottle, and then watch the bottle fill. If you don't reach your desired level, make one more quick stroke and watch the filling again.

If the tube is pushed too far through the pump, the end will be emerged in fluid when the sample bottle fills up. It will then pollute the tube coupling when it is pulled out if it is not cleaned properly.