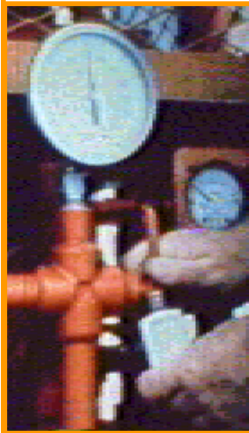


U.S. Patents 6,691,557 / 6,928,861

1 GENERAL GUIDE LINES

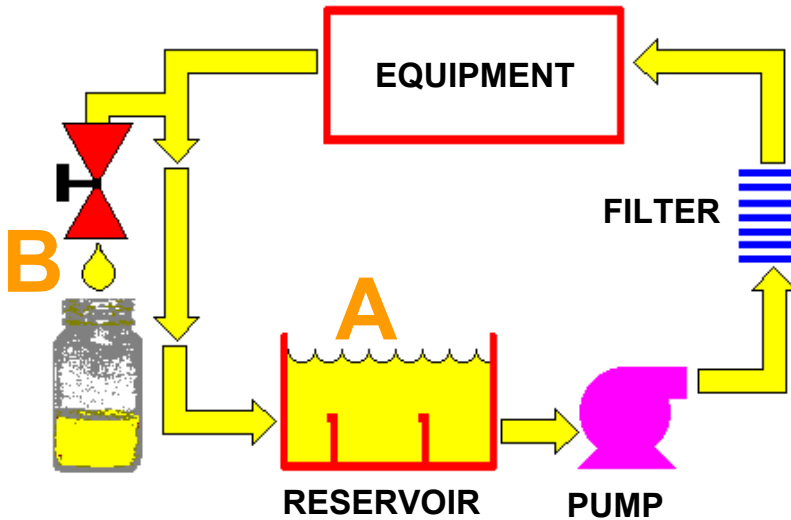
- ✓ Always Sample from the same location. (Sample Point Location A or B)
- ✓ Sampling at A is preferred. (specific location for specific purpose)
- ✓ If possible, take sample while equipment is in operation. (Safety Comes First)
- ✓ If the equipment has shut down take sample with 5-10 minutes of shutdown. (Reference Settling chart on reverse.)
- ✓ Minimum run time of new lubricant is 2-3 days of Normal operation for equipment particle generation to reach equilibrium.
- ✓ Use only clean sample bottles and tubing supplied by REAL Services.



T & D Equipment Sampling

2 REPRESENTATIVE SAMPLES:

- ✓ When Sample Point Location **A** (Reservoir) is used; take sample with a Vampire pump. (Vampire Pump Available from REAL)
- ✓ Take sample at reservoir **BOTTOM**. Do **NOT** sample from the top because particles tend to settle. For the same reason, particle settling, take samples at front near System Pick-up.
- ✓ Avoid physical traps, such as, filters, oil coolers, lubricant system pumps and reservoir baffles.
- ✓ When Sample Point Location **B** is used; Always use a dedicated Sampling Valve. (Sample Valves Available from REAL)
- ✓ Before filling Sample Bottle, **FLUSH** stagnate lubricant and debris from sample line. (Determined by either temp. or luster change.)
- ✓ Fill sample bottle **ONLY 2/3 full**.



3 LABEL & SHIPMENT:

- ✓ Complete Sample Bottle Label as accurately as possible
- ✓ Stick label to proper sample bottle.
- ✓ Place bottle in shipping box or envelope.
- ✓ Place return label on package.
- ✓ Ship it out same day.
Do NOT hold samples



REMEMBER: Successful PdM program and diagnosis depends upon a representative sample and accurate & complete label information !