

OIL SAMPLING

USING A PUSHBUTTON OR KST-SERIES VALVE



Pushbutton Valve



KST/Probalyzer Valve

The following is a sampling procedure for components installed with a Pushbutton or KST-Series valve.

1. Take sample under normal operating conditions when possible or immediately after shutting unit down. That will ensure a homogeneous sample of hot flowing oil.
2. Wipe excess contamination from sample area. Remove the protective cap and wipe the valve with a clean, dry cloth.
3. For components with a **Pushbutton** valve, press the pushbutton slowly to avoid a sudden burst of oil. For components with a **KST-Series** valve, slowly push the needle valve probe into the sampling valve.
4. Before taking the sample, attach flush jar and extract oil. (Minimum flush volume: 15ml or total volume of tube/valve/probe/dead legs of pipe/hose in system upstream of jar) This flushing procedure removes debris or stagnant oil and ensures a more representative sample. Detach flush jar, discard oil, retain flush jar for future uses.
5. Attach sample jar and collect sample. Avoid overfilling the sample jar. Fill sample jar to or above the fill line but below the threads of the jar. Seal the jar tightly, wipe clean
6. Pre-label or label sample jar immediately after filling to avoid mix-ups. Make sure jars are labeled with full sample details (i.e. unit number, component type, date, kilometers/ service hours on unit/component/oil, oil manufacturer, brand, and grade, repairs/service during drain interval, oil changed Y/N).
7. Ship the sample to the appropriate Fluid Life location immediately. Do not stockpile samples for shipping.

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