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## How to take an oil sample

### Required Equipment

- Valve Adapter (bung / fitting, tubing with second valve).
- Bucket or empty container and funnel.
- Spill Sheet.
- Rubber Gloves.
- Thermometer.
- Absorbent Wipes.
- 500ml sample bottle.
- Sample Label.

### Best Practice for a true representative sample

- Avoid taking sample in poor weather.
- Take samples from the bottom valve or dedicated sample point.
- Use a sample adapter or kit.
- Store sampling equipment in a clean, dry environment.
- Do not use a bottle that has been used for other liquids.
- A few litres should be allowed to run into the bucket / container before taking the first sample.
- Do not adjust the transformer sample valve once a reasonable flow has been achieved, if necessary the oil flow can be controlled using the secondary valve on the sample adapter / kit.

### Process

- Clean valve thread or sample point with wipe.
- Establish a clean working area around the sample point.
- Attach valve adapter to sample point.
- Open transformer sample valve to establish a flow of oil into the bucket / container do not adjust the transformer sample valve till the sample has been taken, use the secondary valve if necessary.
- Record the oil temperature from the flow of the oil from the tubing of the sampling kit.
- Rinse the sample bottle and lid two or three times to prevent sample contamination – do not shake the bottle.
- Slowly fill the sample bottle from the bottom avoiding air bubbles.
- Leave approximately 25mm from the top of the bottle allow for expansion.
- Screw the cap into place until it “bites” no not over tighten and risk stripping the thread.
- Close the transformer sample valve and record details on the label.
- Reuse Eden packaging to return sample.
- Responsibly dispose of the ‘run off’ oil.