

Obtaining accurate repeatable oil samples is critical in the correct diagnostics of the electrical equipment. Excluding air and other contaminants from the representative sample is difficult if the field staff are connecting fittings each time they take a sample.

Air is trapped in the cavities of the sampling equipment and often is injected into the representative sample, moisture and other contaminants are transferred across from previous samples, OLTC sampling equipment used for transformer samples and even the type of thread sealers used can contaminate a sample.



Transaudit have designed and built a coupling system that allows samples to be taken from transformers, OLTCs and OCB's without the need for screwing on and off fittings and flanges, and has kept in mind the need for operator safety, equipment safety and environmental safety. This Trans-Sample coupling ensures that no accidental release of oil happens if the valve is mistakenly left open, it also ensures no accidental ingestion of air into the transformer if the transformer is under vacuum.

As the Trans-Sample Coupling becomes a sealed system once permanently installed, the coupler becomes a positive connection to the transformer and allows zero contaminant to be introduced into syringe samples other than those already in the transformer. Sampling accuracy improves, sampling time is decreased, syringe sampling in inclement weather is possible, operators do not need to have dozens of fittings to suit the transformer fleet and the overall cost of oil sampling decreases.

Our coupler kits are supplied as follows:

- 1/4-inch Female Coupler, Stainless Steel with NPT thread
- 1-inch BSP to 1/4 adaptor, Stainless Steel
- 1/4-inch male coupling, Stainless Steel with NPT thread
- 1 x UV resistant dust cap for Female Coupler for indoor applications or 1 x alloy dust cap for Female coupler for outdoor applications.



Image for illustration purpose only.

Over 1000 Couplers now installed across Australia and New Zealand

**Increased Accuracy**

**Lower Sampling Cost**

**Prevent Spillage**

Minimum Order Quantity - 10 Units

Bulk orders of 100 or more receive a discount of 10% of total order. If items are out of stock, a lead time of 3-4 weeks for manufacturing is required.

Contact Kim for further details:

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