PDC Laboratories, Inc. – St. Louis

3278 N. Hwy 67 / Florissant, MO 63033
Phone (314) 432-0550 / Fax (314) 432-4977

TRANSFORMER OIL ANALYSIS DATA SHEET

Yes, we need our past Dissolved Gas results on our report. Please enter your TOM (Transformer Oil Monitoring) No. _____
(The TOM number should be the transformer serial number and MUST always be entered completely for computer retrieval.)

Check desired tests:

- ❑ Dissolved Gas Analysis (ASTM D-3612B)
- ❑ Oil Quality
  - Neutralization number (ASTM D-974)
  - Color (ASTM D-1500)
  - Dielectric (ASTM D-877)
  - Interfacial tension (ASTM D-971)
  - Visual (ASTM D-1524)
  - Specific Gravity
  - Water (ASTM D-1533)

- ❑ Power factor (ASTM D-924)
- ❑ Flash point (ASTM D-92)
- ❑ DBPC (ASTM D-1473)
- ❑ Corrosive sulfur (ASTM D-1275)
- ❑ VDE dielectric (ASTM D-1816)
- ❑ PCB/GC (ASTM D-4059)
- ❑ ICP Metals

DATE: _____ OIL TEMPERATURE: _____
SERIAL NO.: _____
TRANSFORMER IDENTIFICATION: _____
Date of last test: _____ Voltage Class: _____
Check if applicable: ___ Routine annual test
___ Suspected problem (explain) _____

PLEASE INDICATE TURN AROUND TIME*
REQUIRED:

- ❑ Normal (8 to 10 working days)
- ❑ Rush (5 working days)
- ❑ Fastrak (3 working days)
- ❑ Turbotrak (Next day by 5 pm)
- ❑ Sameday

*Fast turn around times must be pre-scheduled to assure the faster service. The faster turn around times have surcharges added to the normal prices.

- ❑ Mineral Oil
- ❑ Silicon
- ❑ R-Temp
- ❑ Wescasol
- ❑ Luminol
- ❑ BioTemp

* We do not except Askarel Oils or fluids with high concentrations of PCBs.

PLEASE INDICATE OIL TYPE*:

SEND REPORT TO:

Name: _____
Company: _____
Address: _____
_____
City: _____
State: _____ ZIP: _____
Phone No.: ( ) _____

FAX No.: ( ) _____
E-MAIL: _____
Billing Address: _____
_____
_____
_____
PO # _____

PDC Laboratories, Inc. – St. Louis
3278 N. Hwy 67 / Florissant, MO 63033
Phone (314) 432-0550 / Fax (314) 432-4977

ASTM D3613-77

Standard Methods of SAMPLING ELECTRICAL INSULATING OILS FOR GAS ANALYSIS

Using Flexible-Sided Metal Can

7.1 Attach a length of clean tubing to transformer sampling valve and flush by allowing approximately 1 quart of oil to drain to scrap oil container.

7.2 Place the end of tubing in sample container making sure it reaches the bottom to avoid turbulence and aeration as much as possible.

Slowly open the sample valve and allow the oil to fill the sample container, continue overflowing until about one container volume has been flushed through the container.

Close the sample valve and carefully remove the tubing to avoid aeration of sample. Securely screw the cap on the container.