



H₂b

ANALYTICAL SERVICES
INCORPORATED

BOA[®] Breaker Oil Analysis Oil Circuit Breaker Sample Data



RETURN COMPLETED FORM TO: WILSON TRANSFORMER CO. P.O. BOX 5 GLEN WAVERLEY VIC 3150 AUSTRALIA ATTN: DIAGNOSTIC SERVICES COORDINATOR Phone: <u>03 9560 0411</u> Fax: <u>03 9560 0793</u>	SHIP OIL SAMPLES TO: PLEASE REMEMBER TO MARK 'BOA SAMPLE' ON SAMPLE CONTAINERS. THANK YOU. Phone: _____ Fax: _____	SEND REPORT TO: Name: _____ Address: _____ Phone: _____ Fax: _____
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P.O. # (IF APPLICABLE) _____ **Sampled By:** _____

Sample Location (Substation/PH/PP)	Notes:					
Sample Date						
Equipment / Company Number						
Serial Number (Nameplate)						
Manufacturer (Nameplate)						
Date of Manufacture (Nameplate)						
Model Number /Type (Nameplate)						
Voltage Rating (Nameplate)						
Fluid Volume (Nameplate)						
Pole (Tank) <input type="checkbox"/> ① <input type="checkbox"/> ② <input type="checkbox"/> ③						
Phase	O A O B O C	O A O B O C	O A O B O C			
Interrupting Rating (KA) (KVA) (MVA)						
Amp Rating						
Present Counter Reading						
Oil Temperature						
No. of switching operations since last internal inspection						
Number of fault operations since last internal inspection						
Present Accumulated Fault Count (ACC) %						
Date of last internal inspection						
Date oil was last filtered						
Date oil was last replaced						

All Tests below are Required for BOA Diagnostics

- Dissolved Gas Analysis (IEC-599)
- Particle Counts
- Moisture in Oil (IEC-814)
- Dielectric Breakdown (ASTM D-1816)
- Interfacial Tension (ISO-6295)
- Acid Number (IEC-296)
- Color (ISO-2049)

Instructions: Note: The BOA diagnostic requires a one litre oil quality sample and a DGA sample be taken.. OCBs containing more than 1400 litres of oil require four litres of oil to be flushed through the fill/drain valve prior to collecting samples. OCBs containing less than 1400 litres of oil require one litre of oil to be flushed through the fill/drain valve prior to collecting samples.
PLEASE REMEMBER TO MARK 'BOA SAMPLE' ON SAMPLE CONTAINERS. THANK YOU.

TJH2b Analytical Services Inc.
 Wilson Transformer Co., Pty. Ltd
 P.O. Box 5 Wilson Rd.
 Glen Waverley VIC 3150
 Phone: 03 9560 0411
 Fax: 03 9560 0793
 Urgent Inquiries: 0409 219 105

Reason for Test

- Routine Test
- Retest
- This is a Return to Service Test