

Transformer Descriptions (Remanufactured to New)

All transformers have been completely redesigned and remanufactured in accordance with IEEE Std C57.12.00™ with new windings and all new insulation. Each is UNUSED and has been fully tested in accordance with IEEE Std C57.12.90™. A certified factory test report as well as nameplate, outline, and control wiring diagrams are available.

Each transformer is sold AS IS and without oil.

Item #1:

Southwest Electric S/N : 0606405129
Original Manufacturer : Westinghouse (s/n SHP-27251)
Type : Mobile Transformer
Capacity : 20 MVA
Temperature Rise : 75°C
Cooling : ODAF
HV : 69000 x 138000 V
HV taps : ± 2 x 2.5% DETC
HV BIL : 350 x 450 kV
LV : 13200Y/7620 V
LV Taps : none
LV BIL : 110 kV
Impedance : 16.7% at 20 MVA, 69000 – 13200 V or 138000 – 13200 V

Item #2:

Southwest Electric S/N : 1006405456
Original Manufacturer : SMIT
Type : Load Tap Changing Transformer
Capacity : 24/32/40 MVA
Temperature Rise : 65°C
Cooling : ONAN/ONAF/ONAF
HV : 115000 x 138000 V
HV taps : none
HV BIL : 450 x 650 kV
LV : 13200Y/7620
LV Taps : ± 15% in ± 16 steps LTC
LV BIL : 110 kV
Impedance : 8.5% at 24 MVA, 138000 – 13200 V
: 9.0% at 24 MVA, 115000 – 13200 V

Item #3:

Southwest Electric S/N : 1111405863
Original Manufacturer : General Electric
Type : Load Tap Changing Autotransformer
Capacity (HV & LV) : 60/ 80/100 MVA
Capacity (TV) : 12/16/20 MVA
Temperature Rise : 65°C
Cooling : ONAN/ONAF/ONAF
HV : 161000GrdY/92950 V
HV taps : +5/-15% in in +8/-24 steps LTC
HV BIL : 650/110 kV
LV : 69000GrdY/39840 V
LV Taps : none
LV BIL : 350/110 kV
TV : 13800 V
TV Taps : none
TV BIL : 150 kV
Impedance : 6.0% at 60 MVA, 161000 – 69000 V
: 5.0% at 12 MVA, 161000 – 13800 V
: 3.8% at 12 MVA, 69000 – 13800 V