|  |
| --- |
| **TRANSFORMER - T4 (Whiting Arc Furnace)** |
|  |  |  |  |  |  |  |  |  |  |  |
| **SERVICE:** |  | **East Arc Furnace** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **LOCATION:** |  | **Transformer Vault West of the West Arc Furnace - Indoor** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **MANUFACTURER:** | **General Electric** |  |  | **DATE MANUFACTURED:** | **1-72** |
|  |  |  |  |  |  |  |  |  |  |  |
| **SERIAL # :** |  | **K547290** |  |  |  | **MANUF. DATA:** | **Pittsfield, MA** |
|  |  |  |  |  |  |  | **Rebuilt: Chicago Serv. Center Job # 39199** |
| **OTHER # :** |  | **Copper Windings Prm. & Scnd.** |  | **Date: 11-10-92** |  |  |
|  |  |  |  |  |  |  | **Rebuilt: Atlanta Serv. Center 1998** |
| **CAPACITY:** | **6000/6720** | **KVA: @** | **55 / 65** | **C** |  | **TYPE:** | **Arc Furnace Indoor** |
|  |  |  |  |  |  |  |  |  |  |  |
| **RATING:** | **HV** | **13,800** | **LV** | **270** |  |  |  | **CLASS:** | **OW** |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **PHASE:** | **3** | **CYCLE:** | **60** | **IMP:** | **5.15%** | **@** | **6000** | **KVA** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **TEMP:** |  | **55 /65** | **C RISE** |  |  |  |  | **OIL TYPE:** | **Mineral** |  |
|  |  |  |  |  |  |  |  |  | **PCB Free** |
| **WEIGHT** |  | **CORE & COIL:** | **15,000** |  |  |  |  |  |  |
|  |  | **CASE:** |  | **15,000** | **Plus Fittings** |  |  |  |  |
|  |  | **OIL:** |  | **22,000** |  **CAPACITY:** | **2950** | **GALLONS** |  |
|  |  | **TOTAL WT:** | **52,000** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **MISC:** |  |  |  |  |  |  | **NO LOAD TAP DATA** |
|  | **1.** | **Instruction Book GEK 33497** |  |  | **VOLTAGE** | **AMPS** | **POS.** | **OTHER** |
|  |  |  |  |  |  |  | **13,800** | **281** | **270LV** | **12.67** |
|  | **2.** | **Water Cooled with 55gpm.** |  |  | **13,800** | **266** | **255LV** | **7.52** |
|  |  |  |  |  |  |  | **13,800** | **245** | **235LV** | **4.09** |
|  | **3.** | **Liquid Level at 25 C 9.75"** |  |  | **13,800** | **225** | **216LV** | **0** |
|  |  | **Below Top of Manhole Flange.** |  | **Clow Tap Settings** |  |  | **R-Level** |
|  | **4.** | **Liquid Level Changes 0.85" / 10 C** |  | **13,800** |  | **255LV** | **1** |
|  |  | **temperature rise.** |  |  |  | **13,800** |  | **216LV** | **1** |
|  | **5.** | **Operating Pressure 5 psi pos. to** |  | **13,800** |  | **147LV** | **2** |
|  |  | **5 psi. negative.** |  |  |  | **13,800** |  | **114LV** | **2** |
|  | **6.** | **Tank suitable for 10 psi. rise to vacuum.** |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | **7.** | **NP 267562** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | **8.** | **Base insulation level pulse lead wire KV110.** |  |  |  |