

- NOTES -

SEE INSTRUCTION BOOK FOR INSTALLATION AND MAINTENANCE.  
 THIS OUTLINE CAN BE USED FOR ERECTION OR MOUNTING PURPOSES. IT IS NOT TO  
 BE REGARDED AS INDICATING THE EXACT DETAILS OF CONSTRUCTION.  
 THE TOTAL WEIGHT MUST NOT BE LIFTED UNLESS THE COVER IS WELDED IN PLACE.  
 THE CORE AND COILS ARE BRACED INSIDE THE TANK FOR SHIPMENT. IT IS NOT  
 NECESSARY TO REMOVE THESE BRACES BEFORE PLACING THE UNIT IN SERVICE.  
 BEFORE BREAKING THE SEAL ON ANY OPENING, BE SURE THE LIQUID LEVEL IS  
 LOWERED BELOW THE OPENING.

THE TRANSFORMER IS OF SEALED-AIR CONSTRUCTION. THE GAS  
 SPACE IS SEALED TO PREVENT BREATHING UNDER NORMAL OPERATING CONDITIONS.  
 GASKETS UNDER THE FOLLOWING ITEMS ARE CEMENTED ON ONE SIDE AT THE FACTORY:  
 13.17.20.21.22

• DETAIL DRAWING: 6764026

APPROXIMATE NET WEIGHTS

CORE AND COILS-----	10001	LBS.
TANK AND FITTINGS-----	4813	LBS.
LIQUID- OIL 427 GAL. -----	3202	LBS.
TOTAL-----	18016	LBS.
APPROXIMATE TRANSFORMER SHIPPING WEIGHT	18016	LBS.

- 1 TANK - BRACED FOR 15 P.S.I. VACUUM OR POSITIVE PRESSURE.
  - 2 COVER - WELDED TO TANK FLANGE SEE DETAIL FIG. 5.
  - 3 BASE - JACKING AREA AT ENDS - SEE DETAIL FIG. 9. THE BASE IS  
 DESIGNED TO PERMIT ROLLING IN DIRECTION PARALLEL  
 TO TANK CENTER LINES.  
 A = 62.62 B = 43.25 C = 4.31 D = 21.62 E = 21.62 F = 3.50  
 G = 16.95 H = 3.50 J = 5.00 K = 52.62 L = 16.95
  - 4 GROUND PAD - 3 TOTAL - SEE DETAIL FIG 1.
  - 5 DRAIN VALVE - 2 INCH FOR COMBINATION LOWER FILTER PRESS CONNECTION  
 AND COMPLETE DRAIN WITH 3/8 INCH SAMPLER.
  - 6 DIAGRAM INSTRUCTION PLATE WITH WARNING PLATE.  
 SEE DETAIL FIG. 35 FOR THE STANDARD WARNING PLATE.
  - 7 LIQUID TEMPERATURE INDICATOR WITH MAXIMUM INDICATING HAND  
 AND ALARM CONTACTS, SEE WIRING DIAGRAM.
  - 8 MAGNETIC LIQUID LEVEL GAUGE WITH ALARM CONTACTS, SEE WIRING DIAGRAM.
  - 9 VACUUM PRESSURE GAUGE WITH AIR TEST VALVE AND SEALED-AIR VALVE.
  - 10 LIFTING HOOKS 4 TOTAL, FOR LIFTING COMPLETE UNIT, SEE DETAIL FIG. 3.
  - 11 LIFTING LOOPS, 2 TOTAL, FOR LIFTING COVER ONLY.
  - 12 COOLING TUBES.
  - 13 BOLTED HANDHOLE ON COVER OVER A 12.00 X 24.00 OPENING.
  - 14 DE-ENERGIZED TAP CHANGER OPERATING MECHANISM - WITH  
 PROVISIONS FOR PADLOCKING.
  - 15 1.50 INCH VALVE FOR UPPER FILTER PRESS CONNECTION.
  - 16 1 INCH PIPE CAP FOR UPPER FILTER PRESS CONNECTION.
  - 17 AUTOMATIC RESETTING MECHANICAL RELIEF DEVICE WITH SEMAPHORE.
- 18 CONTROL CABINET - WITH UNDRILLED ENTRANCE PLATE OVER 4.50 X  
 17.00 INCH OPENING IN BOTTOM, SEE WIRING DIAGRAM 8496022.
  - 19 AIR BLAST FAN 3 TOTAL, WITH FLEXIBLE CONDUIT AND BAYONET CONNECTORS.
  - 20 LV BUSHING, 3 TOTAL,  
 SEE D.S. 48-061-64 LINE 4, STUD DIA. 1.12-12, THRO. LG. 2.12
  - 21 HV BUSHING, 3 TOTAL,  
 SEE D.S. 48-061-63 LINE 4, STUD DIA. 1.12-12, THRO. LG. 2.12
  - 22 LV NEUTRAL BUSHING, 1 TOTAL,  
 SEE D.S. 48-061-64 LINE 4, STUD DIA. 1.12-12, THRO. LG. 2.12
  - 23 JACKING PADS ON TANK BOTTOM FOR LIFTING COMPLETE UNIT.
  - 24 RAPID PRESSURE RISE RELAY - 250 VDC - SEE WIRING DIAGRAM.
  - 25 HOT SPOT WINDING TEMPERATURE INDICATOR WITH ALARM CONTACTS,  
 SEE WIRING DIAGRAM.
  - 26 JUNCTION BOX FOR CURRENT TRANSFORMER LEADS.

- SEND PRINTS TO CUSTOMER
- 9 DESIGNATES CENTER OF GRAVITY COMPLETE
  - CENTER OF GRAVITY FROM GROUND IN FRONT VIEW = 32.15
  - CENTER OF GRAVITY LEFT OF CENTERLINE TOP VIEW = .63
  - CENTER OF GRAVITY ABOVE CENTERLINE TOP VIEW = 3.79