INVENTORY 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95

Ward Transformer Co. Inc.

TRANSFORMER DEPT.

№ 2133

Received From:	TEXAS GULF	Original Cost:	
		Shop Cost:	
Town:	AURORA	State: IL	Incoming Freight:
Received Via:		Date: 5-6-86	Date Billed:
Card Made:		P. O. No:	Our R No:
Sold To:			Cust. Order No:

EQUIPMENT: TRANSFORMER (STATION TYPE) — Serial No. H-886552-5

Make: GE	K.V.A. 1500	Imp. 8.13	Phase: 3	Style No.
H. Volts: 23900 DELTA	Type: CLASS OA	Form:	Cycles: 60	Cat. No.
L. Volts: 480 DELTA	Gals Oil: 340	Pol:	N. P. No: 65°C	Spec. No.
No. Taps: 4 Taps	Up ☐ Down ☐	YEAR BUILT:		

BOX H.V. + L.V.	Pocket Pri Sec	Top Pri Sec	Steel ☒	Cast ☐	Cast Top Bot
	Stud Pri Sec	Oblong ☐	Straight ☒	Round ☐	Corregated ☐

NAME PLATE READS AL	Ht. top of H.V.	Tank & Fittings: 2300
AL. WINDINGS	Ht. No. H.V. Bush:	C.&C. Wt: 3800
94100	Dia: Wide:	Oil Wt: 2550
23500	Deep:	Total Wt: 8650
2290	Oil Level Gauge ☒	Thermometer ☒
22300	Tap Changer: External ☒	Internal ☐
21780	NEW USER:	
	REBUILT USER:	
WELDED DOWN TOP	DEALER:	

REMARKS: FANS, FAN CONTROL BOX — 1 — FAN OFF HEADER TUBES, SUPPORTS ARE EAT UP WITH RUST LEAKS FANS DOUBLE LOOK LIKE THEY WERE OPERATING FROZEN NO OIL IN UNIT 1-50.186 1-50.199 1-50.192 DRY 2-48.922 2-48.938 2-48.939 L.G. 10.000 (LOW) 3-47.682 3-47.682 3-47.678 H.G. 29.000 4-46.446 4-46.460 4-46.453 H.L. 15.000 5-45.183 5-45.197 5-45.190

	1% & 4% LABOR	
	INT. STATE EXEMPT	
8-15-86	AMT. TAXABLE	

10816774

U.S. EPA REGION IV

SDMS

POOR LEGIBILITY

PORTIONS OF THIS DOCUMENT MAY BE DIFFICULT TO VIEW DUE TO THE QUALITY OF THE ORIGINAL.

TO MAKE THE DOCUMENT READABLE, TRY ONE OR MORE OF THE FOLLOWING:

From the Displays Settings in Windows Control Panel:

1. Set the Color Quality to the highest available: 24 bit or 36 bit.
2. Increase or decrease the Screen resolution.

From the Monitor/Display Controls:

1. For dark image page, increase the brightness and decrease the contrast.
2. For light image page, decrease the brightness and increase the contrast.

** PLEASE CONTACT THE APPROPRIATE RECORDS CENTER TO VIEW THE MATERIAL**

V. 2-040506

TRANSFORMER TEST

A 13 B 19 C 19 Amps

Continuity	Lead Clearances ✓	Exciting Current	At Volts	Core Loss	At Volts
Oil N R	Oil Level ✓	500 Cycles ✗	At 864 L Volts	High Pot.	High To Grd 48 K.V.
Grd Terminals 1 2	Surge Tested	Radio Interference OK	Polarity A	Low To Grd	5 K.V.
Oil Leaks	Anti Siphon Joints	Impeadence Calculated	At Volts	High To Low	45 K.V.
Pri. Grd. Connected Y N	Sec. Grd Connected Y N	Number Taps 4	What % 5 1/2	Up	Down 2

SECONDARY BREAKER	Position	% Tap	Connect	Pot. Difference	T.T.R. Ratio	Calculated Ratio
Breaker No.	/	105	50.199	50.199	50.194	
Trip and Reset	Oil Temp. °C	102.5	48.932	48.939	48.930	
Factory Trip Allowable	To Secs.	7.695	47.686	47.699	47.693	
Factory Trip Current	At °C	99.5	46.458	46.461	46.454	
Shop Trip Current	At °C	95	45.193	45.198	45.190	
Shop Trip Time Right Side	Secs.		[illegible]	[illegible]	100 To tap	
Shop Trip Time Left Side	Secs.					

INSULATION POWER FACTOR			OIL TEST		INCOMING	OUTGOING
High to Grd.	P.F.	M.F.	SHOT A	SHOT B	Color	5
High to Low	P.F.	M.F.	No. 1 K.V.	No. 1 K.V.	Next No.	[illegible]
Low to Grd.	P.F.	M.F.	No. 2 K.V.	No. 2 K.V.		1.5 GPM
Megger High to Grd.	In	Out	No. 3 K.V.	No. 3 K.V.	Power Factor	
Megger Low to Grd	In	Out	No. 4 K.V.	No. 4 K.V.	Oxidation %	Time
Megger High to Low	In	Out	No. 5 K.V.	No. 5 K.V.	Oxidation %	Time
			TOTAL K.V.	TOTAL K.V.	Average K.V.	50 50 50

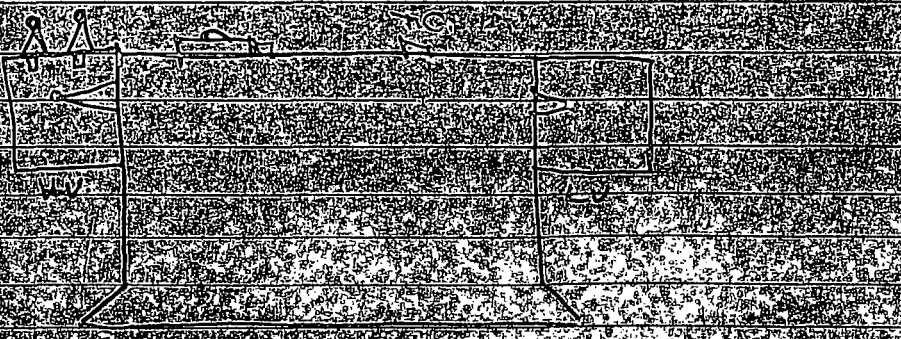
Fuse No.	Good	Bad	GRD. Clamps	OUT	Approved YES
Hangers	IN	OUT	Pri. Bushing Good	OUT	Date Tested 7-8-84
Arrestors	IN	OUT	Sec. Bushing Good	OUT	Tested
Paint		OUT	Sec. Breaker	IN OUT	By [illegible]

REMARKS: 2500 Volt Scale [illegible]

L.G. 3000 Ambient Temp 90°

H.G. 3000 Ambient 40°

L.L. 3000 Oil Temp 40°



SPEEDISET © Moore Business Forms, Inc.

WARD TRANSFORMER CO., INC.

Mailing Address
P.O. Box 30,009
Raleigh, N.C. 27622

DRY TYPE DIVISION
612 W. Hargett Street
Raleigh, North Carolina 27603

Phones
Within N.C. 919-833-7333
Outside N.C. 800-334-0650

PURCHASE ORDER 5-19 1986

To: Tranter Corp.
Address: PO Box 570
Edgefield, S.C. 29824

This Order Number must appear on all invoices, packing slips or correspondence pertaining to this order. 1- 16770

Ship to: WARD TRANSFORMER CO INC. Attn:
US Hwy 70 West (A) Airport Rd.
Raleigh, N.C. 27612

Ship Via: Old Dominion

Shipment to be made

Quan. Rec'd	Quan. Ord.	DESCRIPTION OF MATERIAL	PRICE
	4	Sets of Rads	
		15" W x 66" Center to Center	
		10 plates per. 5" header	
		extension - No paint	
		Our cost FOB Edgefield	450.77 ea
		Total wt ea. 1300 Total	
		Job# 35186	
		Expected within 4 weeks.	

IMPORTANT
1. Invoice to be rendered in duplicate.
2. Bill of Lading with Invoice.

WARD TRANSFORMER CO., INC.

By [signature]

ORDER SHEET

WARD TRANSFORMER CO., INC.
U. S. HWY. 70 AT AIRPORT ROAD
P.O. BOX 30,009, RALEIGH, N. C. 27612
TELEPHONE 919 - 787-3553

1 ☐ MFG. JOB ESB
2 ☒ REPAIR JOB
3 ☐
4 ☐ PARTS & OTHER MISC.
5 ☐ CONSIGNMENT INV. REBUILT
6 ☒ USED EQUIPMENT REBUILT
7 ☐ WARD NEW STANDARD DRY
8 ☐ SWITCHGEAR
9 ☐ MFG. NEW WARD OIL

OUR ORDER NUMBER: 635166

CREDIT OK:

DATE SOLD: 5-15-86
SOLD TO: Texapoly Chemical Inc.
TERMS:
CUSTOMER NO.: 07782
STREET ADDRESS: PO Box 48
DATE SHIPPED: 7-23-86
SALESMAN: 25
CITY STATE: Aulan, N.C. 27806
ROUTE - VIA: WARD
CUSTOMER ORDER NO.: D96-7412
ATTENTION: Mr. Robert Wetherington 1-322-9111
DATE BILLED:
DATE PROMISED: Not Later than June 23rd

QUAN.	DESCRIPTION	UNIT COST	TOTAL
One	Repair / Replacement of Radiators on		
	General Electric Station Type Transformer		
	1500 KVA, 3ø, 60 HZ, 60°C rise		
	HV. 22900 Δ with 2-2½% taps AEB		
	LV. 480 Δ		
	Serial # H-886552B • RC# 2133 Total wt 8650 lbs		
	Gallons oil 390		
	Freight - Add		$00.00
	(1) Replace rads with Tanks # Quantity 4		
	(2) Sandblast / Clean Tank.		
	(3) Bake-out		
	(4) Replace all gaskets and Pressure Relief devices.		
	(5) Epoxy Primer & Epoxy Paint.		
	(6) Put new oil in unit		
	(7) Re-test the unit - Make out Report!		
	Lee & Mark Bill of Lading "PO # D96-7412"		
	Call Robert Wetherington		
	when unit is Ready.		

FORM NO. S001682