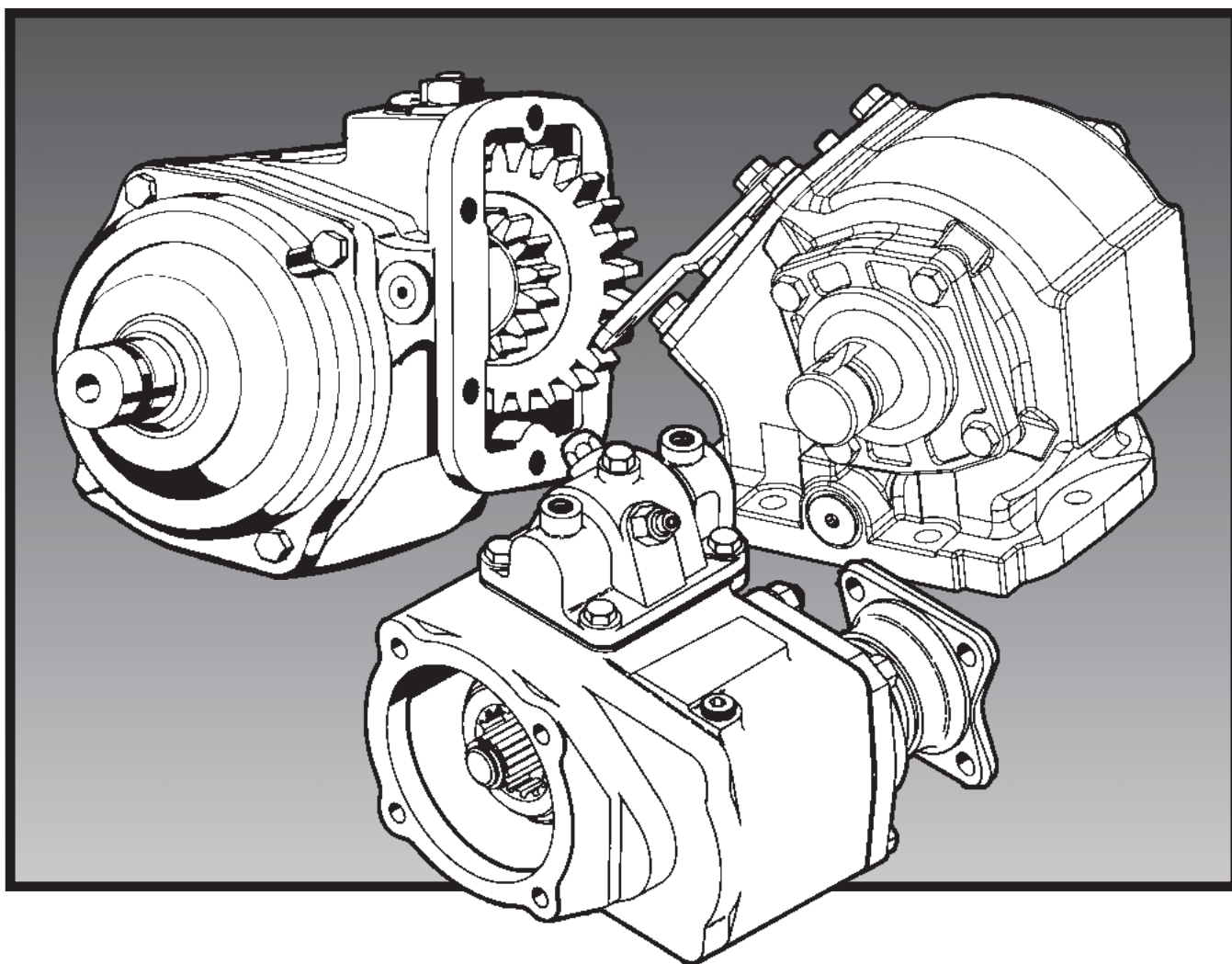


Parts List 867 Series

Effective: May 15, 2006



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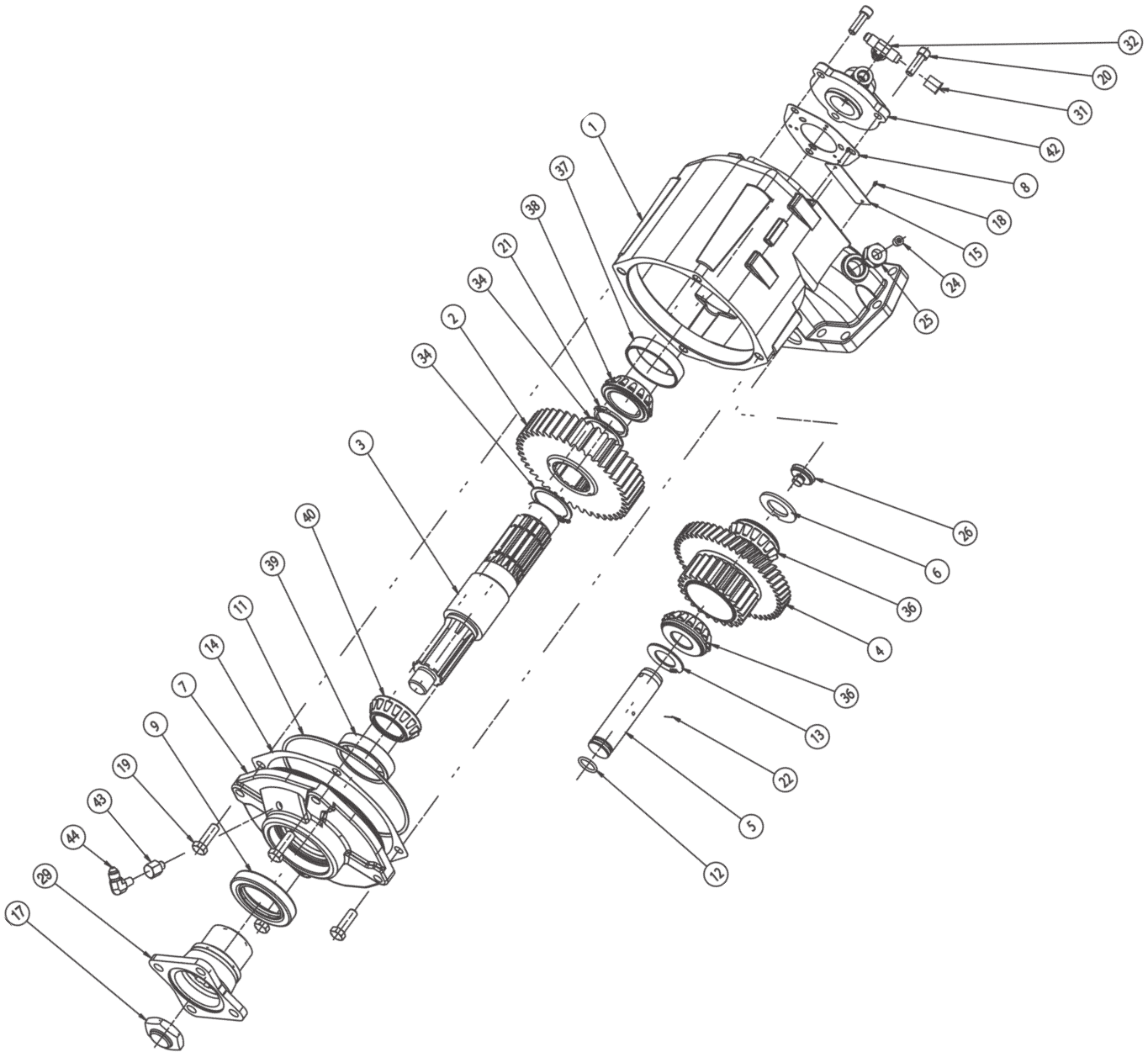
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Bill of Materials

Item	Part Number	Description	Quantity
1	1-P-609X	P.T.O. Housing	1
2	See Page 3	Output Gear	1
3	See Below	Output Shaft	1
	3-P-904	Output Shaft "XV" Output	
	See Page 4	Output Shaft	
4	See Page 3	Input Gear	1
5	9-P-92	Idler Shaft (Pressure Lube)	1
6	14-P-80-1	Tabbed Washer (.110"-.112")	1 or
	14-P-80-2	Tabbed Washer (.115"-.117")	1 or
	14-P-80-3	Tabbed Washer (.120"-.122")	1 or
	14-P-80-4	Tabbed Washer (.124"-.126")	1
7	See Below	Bearing Cap	1
	21-P-596	Bearing Cap "XV" Output	
	See Page 4	Bearing Cap	
8	22-P-112	Gasket, Valve Cap	1
9	See Below	Oil Seal	1
	28-P-211	Oil Seal "XV" Output	
	See Page 4	Oil Seal	
11	28-P-196	O-Ring	1
12	28-P-198	O-Ring	1
13	31-P-94	Thrust Washer	1
14	55-P-20-1	Shim, Bearing Cap (.003 Green)	A.R.
	55-P-20-2	Shim, Bearing Cap (.010 Brown)	
	55-P-20-3	Shim, Bearing Cap (.020 Yellow)	
15	68-P-2	Name Plate	1
17	378382	Hex Locknut "XV", "AB", "AC" Output Only	1
18	378422	Drive Screw	2
19	378431-11	Hex Capscrew (.375"-16 x 1.125")	4
20	378447-6	Socket Capscrew (.312"-18 x 1.000")	3
21	379746	Lockring	1
22	378856	Wiggler Wire	1
24	379231	Pipe Plug (.125"-27 NPTF)	1
25	379242	O-Ring Boss Plug	1
26	379719	NWD Plug	1
29	See Below	Companion Flange	1
	3-1-3431	Companion Flange, "XV" Output	
	See Page 4	Companion Flange	
31	379564-2	Shipping Cap	1
32	379556	Run Tee, O-Ring Boss	1
34	379668	Lockring (5100-175)	2
36	560978	Tapered Bearing Cone	2
37	560982	Tapered Bearing Cup, "XV" Output	1
38	560986	Tapered Bearing Cone	1
39	See Below	Tapered Bearing Cup	1
	560982	Tapered Bearing Cup, "XV" Output	
	See Page 4	Tapered Bearing Cup	
40	See Below	Tapered Bearing Cone	1
	560986	Tapered Bearing Cone, "XV" Output	
	See Page 4	Tapered Bearing Cone	

A.R.—As Required

Continued on next page

Bill of Materials

Item	Part Number	Description	Quantity
42	21-P-690	Cap, Seal	1
43	379594	Pipe Adapter: Restrictor	1
44	379625	90° Elbow	1
		Loose Parts	
	328948-9X	Gasket & Installation Instructions	1
	7170-86X	Mounting Kit, "FJ" Input Gear	1
	7170-118X	Mounting Kit, "KV" Input Gear	1
	329130-1X	Flex-Hose	1
		Service Kits	
	329071-38X	Bearing Kit ("XS", "AF" output)	
	329071-39X	Bearing Kit ("XV", "AB" & "AC" output)	
	329071-40X	Bearing Kit ("XY" output)	
	329071-27X	Gasket & Seal Kit ("XS" output)	
	329071-28X	Gasket & Seal Kit ("XV", "AB" & "AC" output)	
	329071-29X	Gasket & Seal Kit ("XY" output)	
	329071-34X	Gasket & Seal Kit ("AF" output)	

Gear Chart

Model Number	Input Gear Part Number Item No. 4	Helix Angle	Number Teeth Lg/Sm	Output Gear Item No. 2	
				Part Number	Number Teeth
867*GFJ	5-P-1160	RH	50/24	2-P-765	43
867*MFJ	5-P-1161	RH	50/28	2-P-766	39
867*RFJ	5-P-1162	RH	50/31	2-P-767	36
867*TFJ	5-P-1212	RH	50/34	2-P-772	33
867*GKV	5-P-1360	LH	45/24	2-P-765	43
867*MKV	5-P-1398	LH	45/28	2-P-766	39
867*RKV	5-P-1399	LH	45/31	2-P-767	36
867*TKV	5-P-1401	LH	45/34	2-P-772	33

Hose Chart Allison

Pressure Hose Chart (Transmission to P.T.O.)			
Trans	Location	Hose	Comments
MD	Left	329130-5X	26.5" w/o Hose Clamp
MD	Right	329075-1X	26.5" w/ Hose Clamp
HD	Left	329130-4X	22.0" w/o Hose Clamp
HD	Right	329075-2X	42.0" w/ Hose Clamp

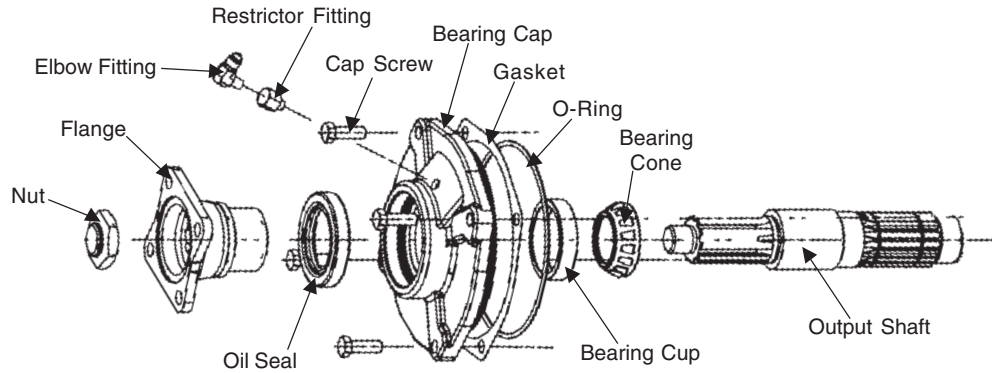
Hose Chart Caterpillar

Trans.	P.T.O.	P.T.O. Location	High Oil Pressure Location	P.T.O. Valve Location	P.T.O. Fitting	Trans. Fitting	Trans.-P.T.O. Valve Hose #
CX31	867	Driver (LHS)	LHS	N/A	379486	379812	329130-3X
		Driver (LHS)	Rear				329075-5X
		Pass. (RHS)	LHS				329075-2X
		Pass. (RHS)	Rear				329075-5X

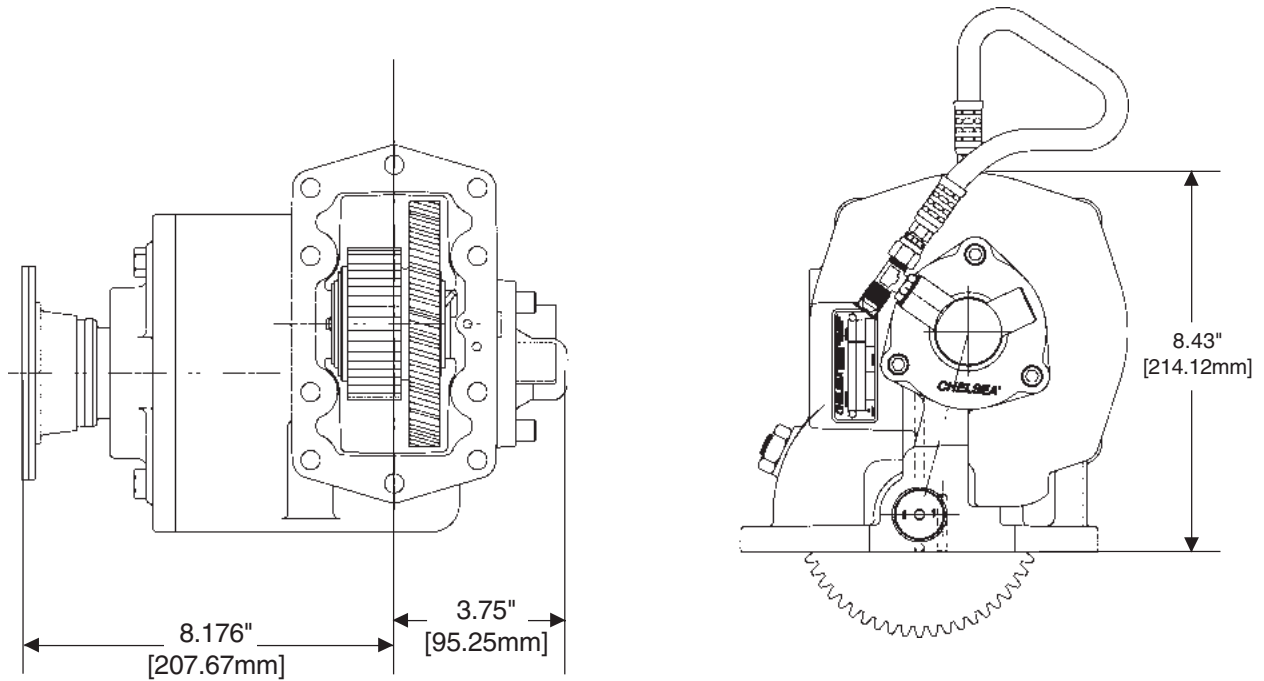
LHS = Left Side of Transmission, 8 o'clock position
 RHS = Right Side of Transmission, 1 o'clock position

NOTES:

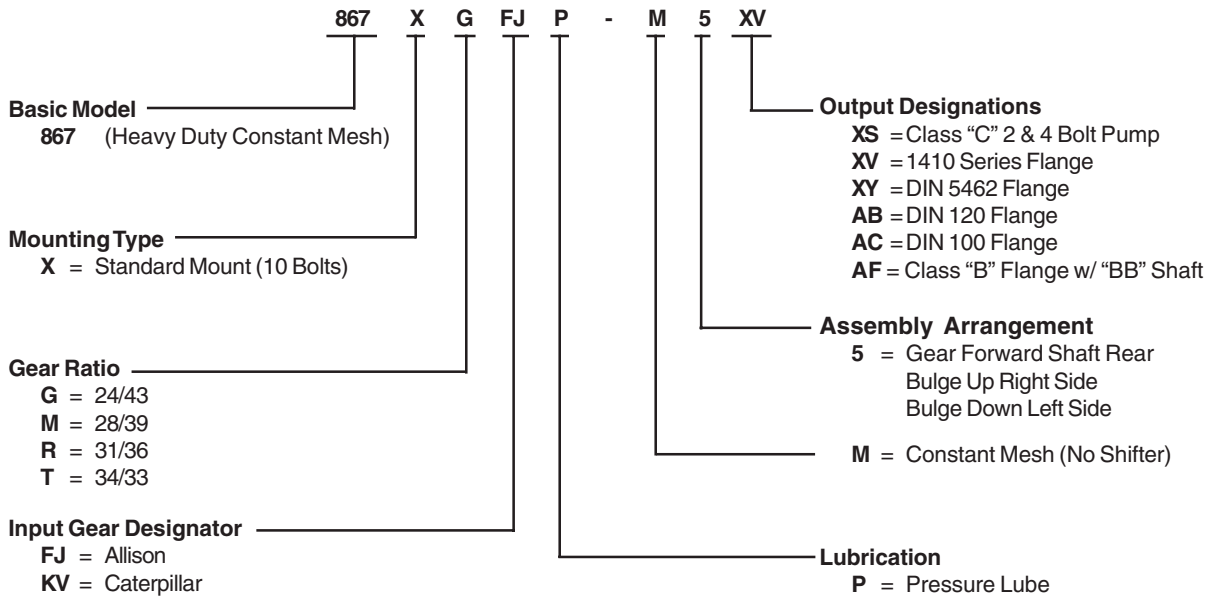
1. P.T.O. Fitting 379486 and Transmission Fitting 379812 included with the P.T.O. Unit. If Using 379486 in Transmission it Must be Purchased Separately
2. Hoses to be Purchased Separately



Item	Part Number	Description	Quantity
AB	3-P-904	Output Shaft	1
	21-P-596	Bearing Cap	1
	28-P-211	Oil Seal	1
	378382	Hex Locknut	1
	378431-11	Hex Cap Screw (.375"-16 x 1.125")	4
	379558	Companion Flange	1
	560982	Bearing Cup	1
	560986	Bearing Cone	1
	379594	Pipe Adapter, Restrictor	1
	379625	90° Elbow	1
AC	3-P-904	Output Shaft	1
	21-P-596	Bearing Cap	1
	28-P-211	Oil Seal	1
	378382	Hex Locknut	1
	378431-11	Hex Cap Screw (.375"-16 x 1.125")	4
	379742	Companion Flange	1
	560982	Bearing Cup	1
	560986	Bearing Cone	1
	379594	Pipe Adapter, Restrictor	1
	379625	90° Elbow	1
AF	3-P-951	Output Shaft	1
	21-P-592	Bearing Cap	1
	28-P-219	Oil Seal	1
	378431-11	Hex Cap Screw (.375"-16 x 1.125")	4
	560977	Bearing Cup	1
	560976	Bearing Cone	1
	379594	Pipe Adapter, Restrictor	1
	379625	90° Elbow	1
	379231	Pipe Plug	1
28-P-259	O-Ring	1	
XS	3-P-903	Output Shaft	1
	21-P-544	Bearing Cap	1
	28-P-219	Oil Seal	1
	378431-11	Hex Cap Screw (.375"-16 x 1.125")	4
	560977	Bearing Cup	1
	560976	Bearing Cone	1
	379594	Pipe Adapter, Restrictor	1
	379625	90° Elbow	1
	379231	Pipe Plug	1
28-P-245	O-Ring	1	
XY	3-P-905	Output Shaft	1
	21-P-615	Bearing Cap	1
	28-P-267	Oil Seal	1
	378431-11	Hex Cap Screw (.375"-16 x 1.125")	4
	560984	Bearing Cup	1
	560985	Bearing Cone	1
	379594	Pipe Adapter, Restrictor	1
	379625	90° Elbow	1
22-P-84	Gasket	1	



Model Number Designation



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7. Special Tooling: A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture items sold pursuant to this contract. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the items sold hereunder, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall

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8. Buyer's Property: Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two (2) consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property, Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

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