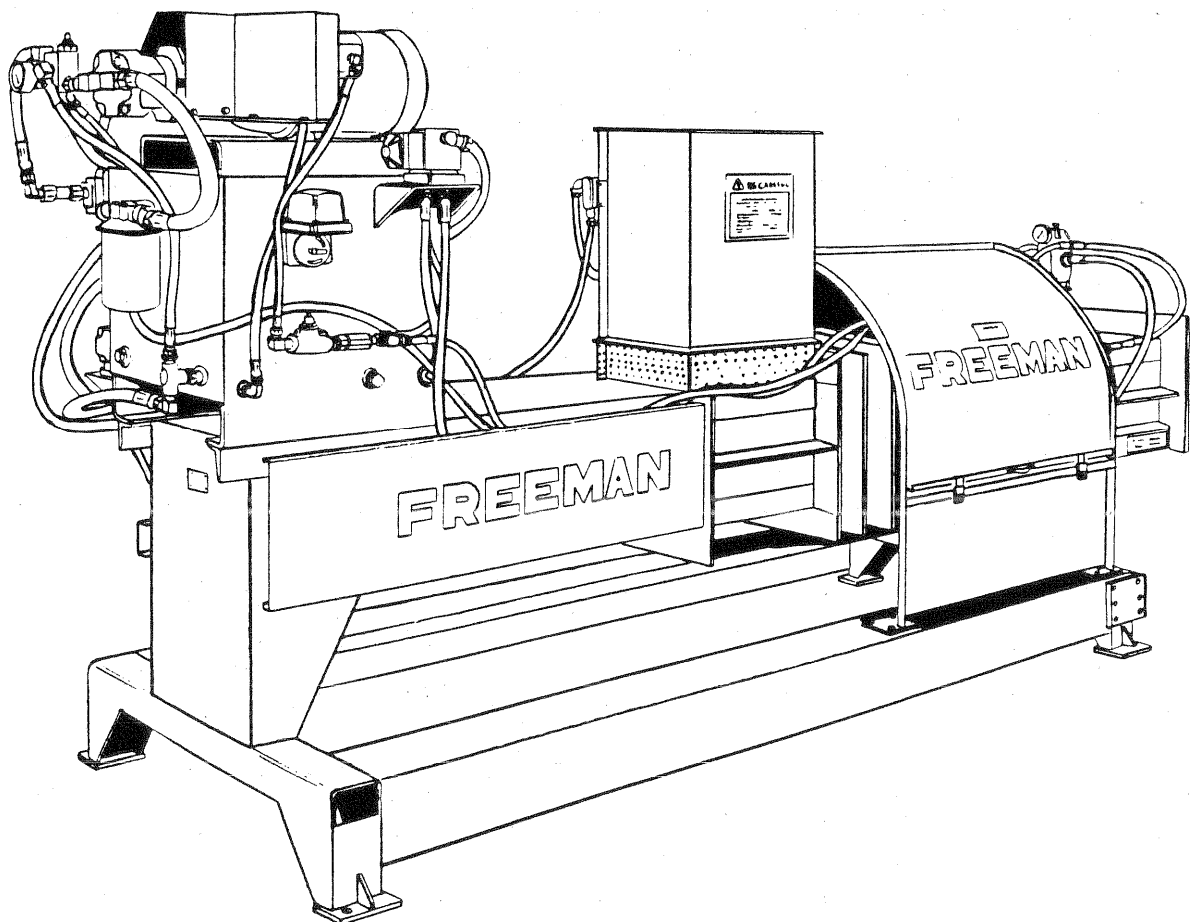


FREEMAN

HYDRAULIC MOISTURE EXTRACTOR 24"S-SS

PARTS LIST



manufactured and distributed by



J. A. FREEMAN & SON, INC.



PORTLAND, OREGON

PB0WE233RS



BE CAREFUL

1. KEEP ALL SHIELDS IN PLACE.
2. STOP ENGINE OR MOTOR BEFORE LEAVING OPERATORS POSITION TO ADJUST, LUBRICATE, CLEAN, OR UNCLOG MACHINE, UNLESS OTHERWISE SPECIFICALLY RECOMMENDED IN THE "OPERATOR'S MANUAL."
3. WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING MACHINE.
4. KEEP HANDS, FEET, AND CLOTHING AWAY FROM POWER DRIVEN PARTS.
5. KEEP OFF EQUIPMENT UNLESS SEAT OR PLATFORM FOR OPERATION AND OBSERVATION IS PROVIDED.
6. KEEP ALL OTHERS OFF.
7. USE APPROPRIATE SIGNS OR WARNING LIGHTS WHEN OPERATING ON HIGHWAYS.
8. MAKE CERTAIN EVERYONE IS CLEAR OF MACHINE BEFORE STARTING ENGINE, MOTOR OR OPERATION.

POLICY

1. It is the policy of J.A. Freeman & Son, Inc. to constantly improve its products whenever it is practical to do so.
2. J.A. Freeman & Son, Inc. reserves the right to redesign or change its equipment or component parts thereof without incurring any obligation to install or furnish such changes on equipment previously delivered.
3. Unauthorized changes or additions to equipment manufactured by J.A. Freeman & Son, Inc. relieves the company of further responsibility for warranted operation and breakage replacement.

INSTRUCTIONS FOR ORDERING PARTS

1. Order by part number and description of part.
 - (a) Parts should NOT be ordered from illustration only.
 - (b) Parts should NOT be ordered from numbers on castings.
2. Order by Moisture Extractor serial number and model.
3. Much delay and confusion can be avoided if parts numbers are arranged in sequence on all orders.
4. State how to ship: whether by truck, stage, parcel post, air parcel post, UPS, or air freight.
5. Claims for shortage or error in handling of an order for parts must be made upon receipt of goods.
6. Address all orders for parts as follows:

J.A. Freeman & Son, Inc.
Parts Department,
2034 N.W. 27th Avenue,
Portland, Oregon 97210

Place serial number of machine here for your convenience:

Moisture Extractor Serial No. _____

Motor Serial No. _____

Left and right of machine are understood to mean from a position facing in the direction of travel.

Permission must be secured before any parts are returned for credit. When parts are returned, the freight must be prepaid or arrangements made so that they can be brought in by our trucks.

"NOTE"

Parts are identified by reference numbers. See parts list for correct part numbers. DO NOT USE REFERENCE NUMBERS AS PART NUMBERS.

This exploded perspective view illustrates the assembly of a mechanical device, likely a pump or a similar fluid-handling component. The parts are numbered 1 through 62. Key components include:

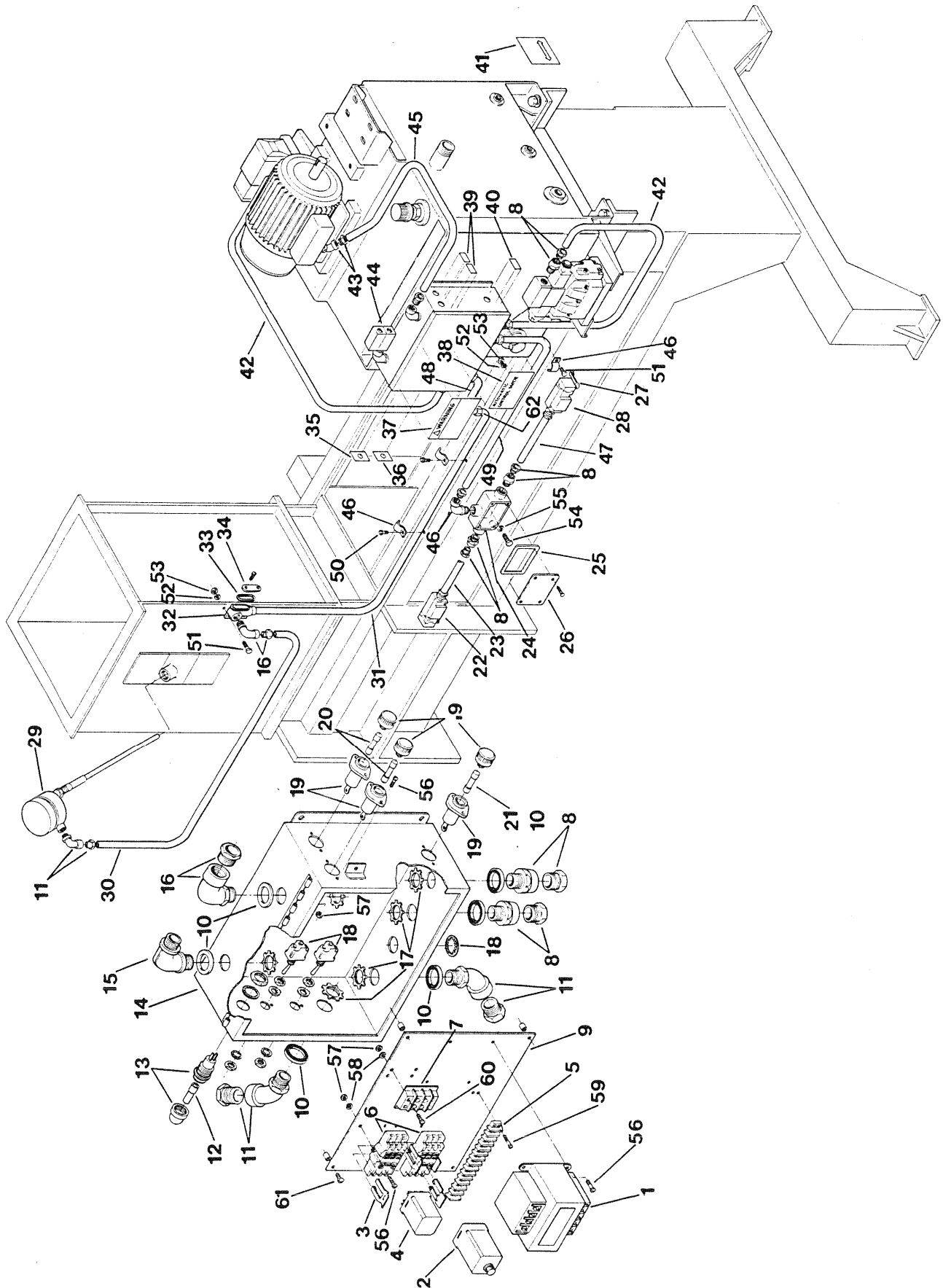
- 1**: A large, angled housing or base plate.
- 2**: A long, narrow component, possibly a valve or actuator arm, with a handle (23) and a pin (24).
- 3**: A small rectangular plate or gasket.
- 4**: A small pin or screw.
- 5**: A rectangular block, possibly a piston or a seal.
- 6**: A small rectangular plate or gasket.
- 7**: A small pin or screw.
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- 22**: A small rectangular plate or gasket.
- 23**: A handle or lever.
- 24**: A pin or screw.
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- 62**: A small rectangular plate or gasket.

MAIN FRAME AND PLUNGER 24"S SS

REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	FRM0021206	ME-3 24S MAIN FRAME ASSY SS	1
2	TNS0021143	TENSION RAIL ASSY-WE-STNLS	1
3	WIP0021095	TENSION RAIL WIPER-ME-X	1
4	WIP2105401	WIPER SUPPORT PLT-304SS-WE-X	2
5	ELE1544204	ME 2-SENSOR MNT CHU ASSY-304SS	1
6	CVR1544101	SENSOR MNT COVER - 304SS-WE-X	2
7	MNT0016344	ME-2 SENSOR MOUNT ASSY	1
8	PLG0015524	CHUTE SEAL - WE-2	1
9	PLG1552501	CHUTE SEAL BCKPU PLT-304SS-WE	1
10	PLG1538701	304SS PLUNGER ASSY	1
11	PLG0015355	PLUNGER RAIL SPACER-WE-2	2
12	PLG1535801	BOTTOM PLUNGER RAIL-304SS-WE-X	2
13	PLG1535901	SIDE PLUNGER RAIL-304SS-WE-X	2
14	PLG0015388	ME-2 PLUNGER SLIDE BACKUP BAR	2
15	PLG0015389	PLUNGER SHIM - WE-2	8
16	PLG0015390	ME-2 PLUNGER SLIDE BAR	2
17	PLG0015391	ME-2 PLUNGER WIPER	4
18	PLG1539301	WIPER BCKUP PLT-TOP,LS,RS,304S	4
19	PLG0015509	ME-2 PLUNGER STIFFENER ROD	1
20	ELE0015510	ME-2 FR LIMIT SWITCH CAM ASSY	1
21	ELE0015513	ME-2 REAR LIMIT SW CAM ASSY	1
22	SCOS000312	3/8 X 2-1/4 NC FH SOC CS-STNS	19
23	WAS0000143	3/8" MALLEABLE BEVEL WASHER	19
24	NCE0000375	3/8" NC ESNA NUT - PLATED	19
25	SCC0000817	3/4 X 5-1/2 NC HT CAP SCREW	2
26	NCE0007500	3/4" NC ESNA NUT	2
27	SHD0015477	PLUNGER SHIELD - R.H.	1
28	FD 0007113	DECAL "FREEMAN" WHITE 36" X 5"	2
29	FD 0000006	DECAL-"CAUTION" 1-1/2 X 2-1/2	7
30	SHD0015476	TOP PLUNGER SHIELD	1
31	SHD0015478	PLUNGER SHIELD-L.H.	1

REF NO.	PART NO.	DESCRIPTION	QTY. USED
32	FD 0008450	DECAL-"BE CAREFUL"7-1/4X10-1/4	2
33	FD 0000049	DECAL-"DANGER-KEEP AWAY"F/OPEN	2
34	NCH0002500	1/4" NC HEX NUT	12
35	WLK0002500	1/4" LOCKWASHER	12
36	SMT0000100	1/4 X 1/4 TH MACHINE SCREW	12
37	NCJS000375	3/8 NC JAM NUT - STAINLESS	4
38	SQSS000309	3/8 X 1-1/2 NC SQ HD SET SS	4
39	NFJ0007500	3/4" NF JAM NUT	4
40	NCH0003125	5/16" NC HEX NUT	31
41	WLK0003125	5/16" LOCKWASHER	31
42	WCT0003125	5/16" FLATWASHER	31
43	SCCS000308	3/8 X 1-1/4 NC HEX CS-STNLS	15
44	WLK0003750	3/8" LOCKWASHER	22
45	WCT0003750	3/8" FLATWASHER	18
46	NCH0003750	3/8" NC HEX NUT	30
47	SMF0000304	3/8 X 1-1/2 FH MACHINE SCREW	10
48	SMF0000202	5/16 X 1 FH MACHINE SCREW	14
49	SMF0000203	5/16 X 1-1/4 FH MACHINE SCREW	14
50	SCC0000201	5/16 X 3/4 NC HT CAP SCREW	12
51	WCTS000375	3/8" FLATWASHER-STAINLESS	12
52	SCC0030005	3/8 X 1-3/4 NC HT CS - PLATED	2
53	NCJ0003750	3/8" NC JAM NUT	2
54	WLK0000375	3/8" LOCKWASHER - PLATED	2
55	BKT1547500	PLGR SHD MOUNT BRACKET-LH	1
56	SCC0030003	3/8 X 1-1/4 NC HT CS - PLATED	2
57	BKT1547501	PLGE SHD MOUNT BRACKET-RH	1
58	NCH0005000	1/2" NC HEX NUT	3
59	SCC0050012	1/2 X 3-1/2 NC HT CS - PLATED	3
60	SCC0000302	3/8 X 1 NC HT CAP SCREW	8
61	SCC0000203	5/16 X 1-1/4 NC HT CAP SCREW	2
62	WLKS000375	3/8" LOCKWASHER - STAINLESS	12

ELECTRICAL and CONTROL BOX

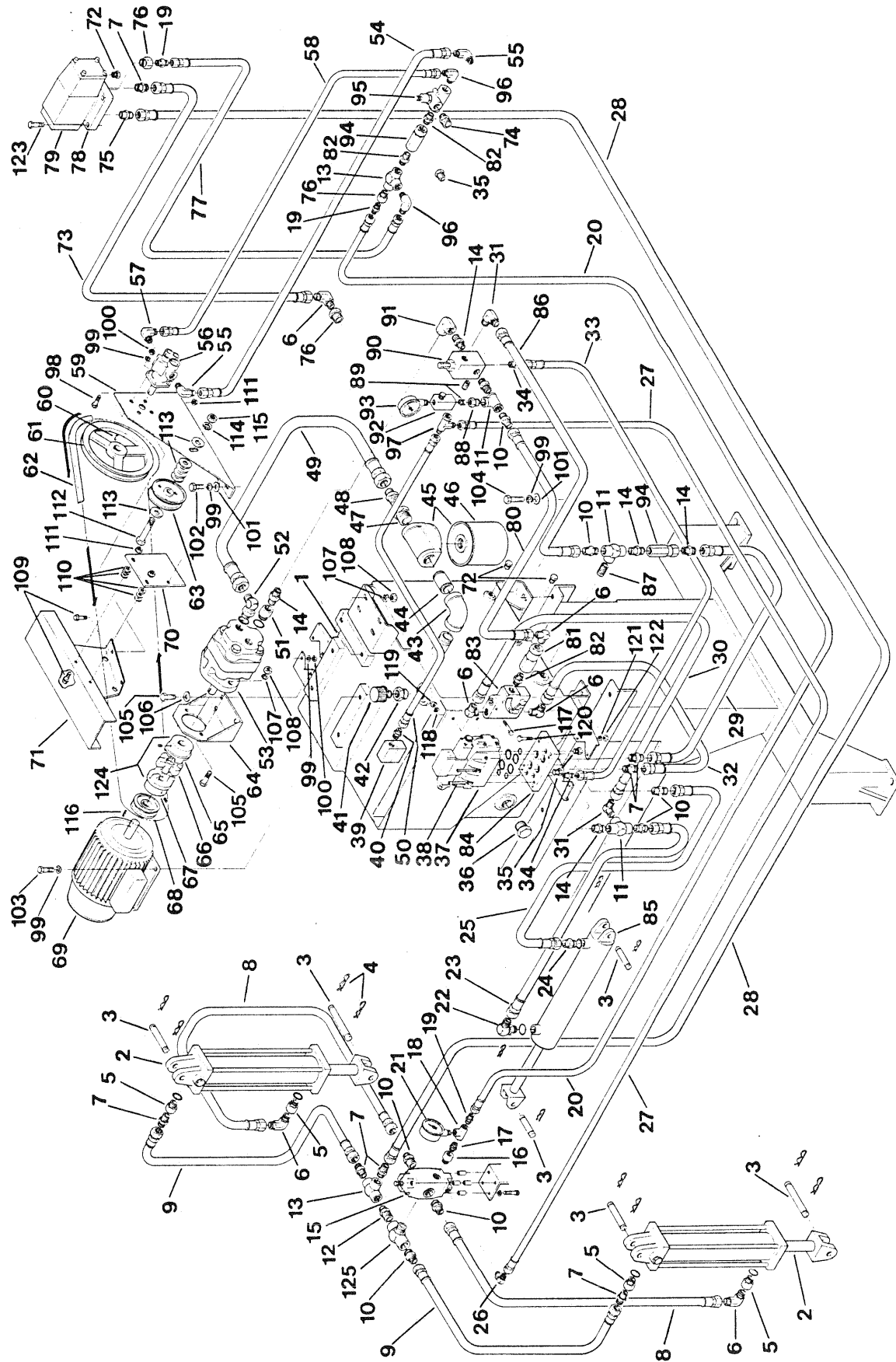


ELECTRICAL AND CONTROL BOX

REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	ELC0015020	TRANSFORMER-MICRON 230-460V	1
2	REL5170010	RELAY - TIME DELAY POTTER BRUM	1
3	CIP0020314	CLIP-HOLD DOWN POT & BRUMFIELD	4
4	REL0001415	RELAY-POTTER BRUM-KUP14A15-120	1
5	BAB0014140	JONES TERMINAL BLOCK-14 POST	1
6	SOK0027121	SOCKET-POTTER BRUMFIELD	2
7	BAB0002142	BARRIER BLOCK-CINCH JONES	1
8	ELC0020038	CONNECTOR-CROUSE HIND-STRAIGHT	7
9	PNL0017215	CONTROL BOX PANEL	1
10	RNG0005263	SEALING RING F/3/4"CONNECTOR	6
11	ELC0020037	CONNECTOR-CROUSE HINDS 45*	3
12	LIT0001200	BULT-MINIATURE BAYONET BASE	1
13	LIT1690410	LAMP HOLDER-169-0410-1191-303	1
14	BOX0017282	CONTROL BOX - WE 1.5 & 2	1
15	ELC0020195	ELBOW MALE CROUSE HINDS 1/2	1
16	ELC0020039	1/2 X 90* FLEX COND CONNECTOR	3
17	NMS0000150	LOCKNUT-STRAIN RELIEF 1/2"	6
18	ELC0005020	MICRO-SWITCH F/CAB DOME LIGHT	2
19	ELC0000018	FUSE HOLDER-BUSSMAN	3
20	ELC0000052	FUSE-1AMP TIME DELAY	2
21	ELC0000042	FUSE-2 AMP	1
22	ELC0005081	LIMIT SWITCH(SQUARE D)8 POST	1
23	ELC0020004	1/2 FLEX CONDUIT FIT-APPLETON	1
24	ELC0020500	OUTLET BOX	1
25	ELC0020073	CONDULET GASKET CROUSE HINDS	1
26	ELC0020501	CONDULET COVER, CROUSE HINDS	1
27	ELC0005001	1-1/2"SQ D. LEV ARM 3/4" ROLLER	2
28	ELC0005079	LIMIT SWITCH(SQUARE D) 4 POST	1
29	ELC000113H	LEVEL DETECTR A113LSAC12 HALAR	1
30	ELC0020003	1/2 FLEX CONDUIT X 26"	1
31	CDU0005000	CONDUIT FLEX SEALTITE 1/2"	1
32	ELC0020503	CONDUIT, CROUSE HINDS 1/2	1
33	ELC0020505	CONDUIT GASKET, CROUSE HINDS	1
34	ELC0020504	CONDUIT COVER, CROUSE HINDS	1
35	FD 0018444	CONTROL SWITCH DECAL-WE&CM1418	1
36	FD 0018445	ANTI PLUG DECAL-WATER EXTRACTR	1
37	FD 0000050	DECAL-"WARNING HIGH VOLTAGE"	1
38	FD 0018443	CONTROL MODE DESCRIPTION	1
39	FD 0020598	FNQ 1 DECAL-2036 MINI BALER	2
40	FD 0020597	DECAL-FNM 2-2036 BALER	1
41	FD 0000045	DECAL-HYD TANK OIL LEVEL	1
42	ELC0020013	CONDUIT-1/2 FLEX-34"	1
43	ELC0020032	CONDUIT 1/2 FLEX-25"	1
44	ELC0005059	BARKSDALE PRESS SW-MINI PISTON	1
45	ELC0020015	CONDUIT-1/2-FLEX-13"	1
46	CLP0001060	CLAMP-CONDUIT-STEEL CITY	3
47	ELC0020004	1/2 FLEX CONDUIT FIT-APPLETON	1
48	ELC0020011	CONDUIT-1/2-FLEX-16"	1
49	ELC0020001	1/2 FLEX CONDUIT X 29"	1
50	SMS0000107	1/4 X 1/2 NC SELF-TAP CS-PLTD	2

REF NO.	PART NO.	DESCRIPTION	QTY. USED
51	SCC0000101	1/4 X 3/4 NC HT CAP SCREW	3
52	WLK0002500	1/4" LOCKWASHER	3
53	NCH0002500	1/4" NC HEX NUT	3
54	SCC0000301	3/8 X 3/4 NC HT CAP SCREW	1
55	WLK0003750	3/8" LOCKWASHER	1
56	SMR1032250	10/32 X 2-1/2 RH MACHINE SCREW	14
57	NFH0001032	10-32 NF HEX NUT-PLATED	18
58	WLK0010010	LOCKWASHER #10 MED-PLATED	12
59	SMR6327500	6-32 X 3/4 RH MACH SCREW-PLTD	4
60	SMR1032075	10/32X3/4 RH MACHINE SCREW PLT	4
61	SMR1032750	10/32 X 3/4 RH MACHINE SCREW	4
62	ELC0020048	COUPLER-CONDUIT 1-1/2	1

MAIN HYDRAULIC SYSTEM ME-2



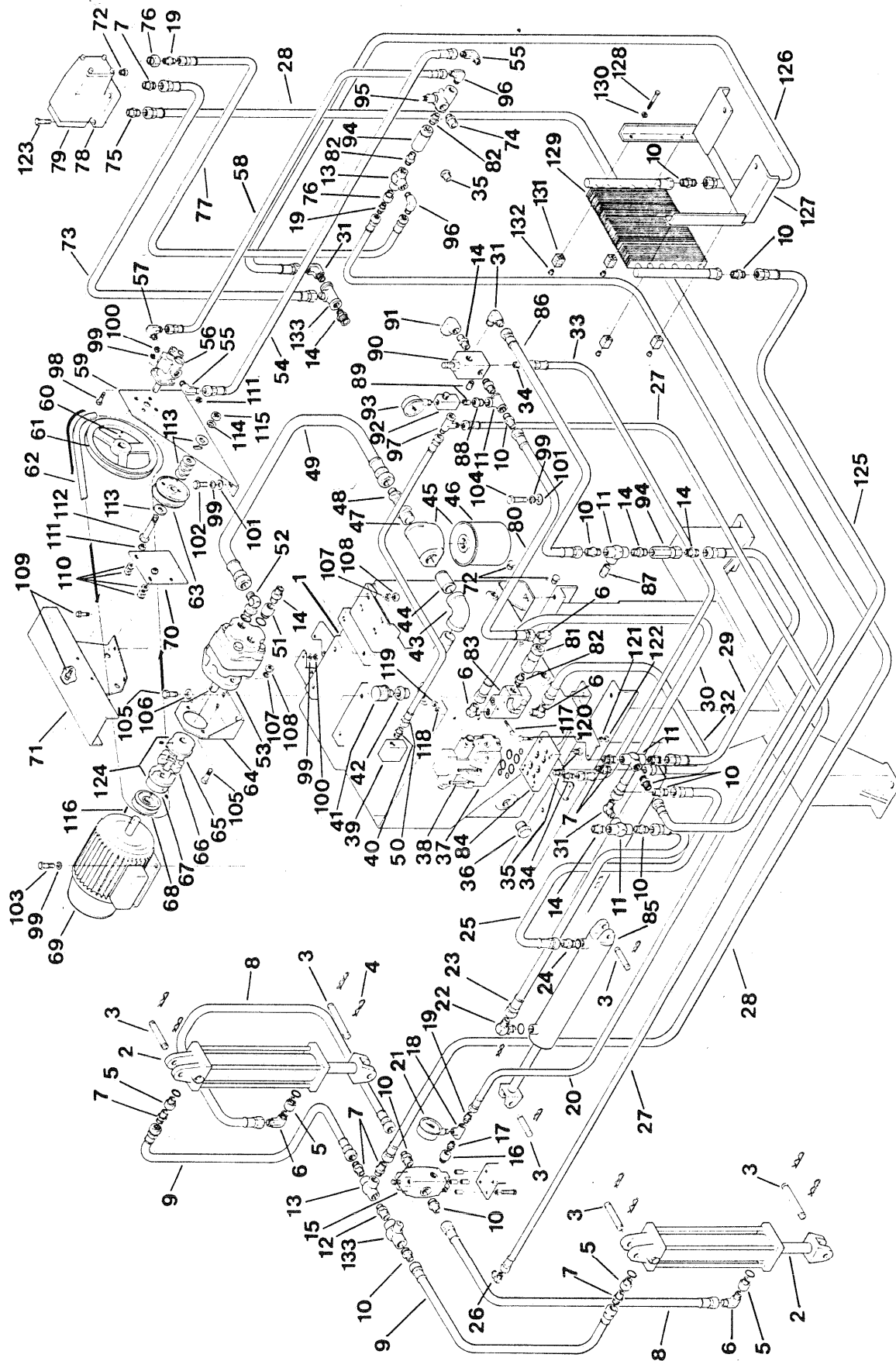
ME-2 HYDRAULIC SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	TNK0017280	STATIONARY BALER HYD TANK ASSY	1
2	CYL0010716	CYLINDER-HYD 3-1/2X16 (WE-2)	2
3	CYL0181106	PIN VICTOR	6
4	CYL0181107	PIN CLIP VICTOR	12
5	HYD3269064	3/4 X 1/2 STRA THREAD ADAPTER	4
6	HYD5405050	5/8 MALE JIC-90* ELBOW(01-443)	6
7	F 0006671	5/8 MALE JIC CONNECTOR	7
8	HOS0020752	ME-2/3 RESTR CYL ROD END HOSE	2
9	HOS0020751	ME-2/3 RESTR CYL BUTT END HOSE	2
10	HYD5205056	5/8 X 3/4 MALE CONNECTOR	8
11	HYD3709060	3/4" NPT STEEL TEE	3
12	HYD3069064	3/4 X 1/2 HEX NIPPLE	1
13	HYD3709040	1/2" NPT STEEL TEE-FEMALE	2
14	HYD3069060	3/4 NPT STEEL HEX NIPPLE	5
15	VLV0006004	VICKERS UNLOADER	1
16	HYD3269032	3/8 X 1/4 STRA THREAD ADAPTER	1
17	HYD3069020	1/4 HEX NIPPLE	1
18	HYD3709020	1/4" FEMALE PIPE TEE	1
19	FT 0000219	3/8" JIC MALE CONNECTOR	2
20	HOS0020748	ME-2/3 UNLOADER VLV PRESS HOSE	1
21	GAG0002112	HYDRAULIC GAUGE#3000LBS 2-1/2"	1
22	HYD6801056	3/4 O-RING PORT-5/8JIC-90*ELB.	1
23	HOS0020762	ME-2/3 PLUNGER CYL RETURN HOSE	1
24	HYD5315056	3/4 X 5/8 JIC O-RING CONNECTOR	1
25	HOS0020763	ME-2/3 PLUNGER CYL PRESS HOSE	1
26	HYD5515020	1/4 STR THREAD O-RING ELBOW	1
27	HOS0020753	ME-2/3 UNLOADER VLV PILOT HOSE	1
28	HOS0020750	ME-2/3 UNLOADER VALVE RET HOSE	1
29	HOS0020761	ME-2/3 MAIN SYSTEM RETURN HOSE	1
30	HOS0020757	ME-2/3 FLOW CONTROL EXCESS HOS	1
31	F 0006682	3/4 X 5/8 JIC MALE ELBOW 90*	2
32	HOS0020758	ME-2/3 SOLENOID VLV PRESS HOSE	1
33	HOS0020759	ME-2/3 SELECTOR VALVE REL HOSE	1
34	HYD5205022	1/4 X 1/4 JIC MALE CONNECTOR	1
35	HYD3159020	1/4 NPT STEEL HEX HEAD PLUG	3
36	HYD3159070	1" HEX HEAD PLUG	1
37	VLV0416611	DBL.SOL. VALVE 4WEH16P6AW110NT	1
38	KIT0833395	KIT-BOLT	1
39	ELC0005059	BARKSDALE PRESS SW-MINI PISTON	1
40	HYD5205031	3/8 X 1/8 MALE CONNECTOR	1
41	FT 0000530	FILTER ASB-8F2113 OR 13829-98	1
42	PPE1250750	1-1/4 X 3/4 STD BLK HEX BUSHIN	1
43	PPE1259000	1-1/4 X 90* FEMALE ELBOW PIPE	1
44	PPE0001250	1 1/4 CLOSE NIPPLE STD	1
45	FIL0251101	FILTER-GRESEN	1
46	01-636	FILTER ELEMENT-ZINGA SE-25FG-2	1
47	HYD3109086	1-1/4 X 3/4 BUSHING	1
48	HYD5205070	1"MALE JIC TO 1"MALE PIPE	1
49	HOS0020754	ME-2/3 PRIMARY PMP SUCTION HOS	1
50	HOS0020760	ME-2/3 BARKSDALE PRESS SW HOSE	1

REF NO.	PART NO.	DESCRIPTION	QTY. USED
51	HYD3269066	3/4 X 3/4 STRA THREAD ADAPTER	1
52	HYD5515070	1 X 90* STRA THRD O-RING ELBOW	1
53	PMP0003000	PUMP PERMCO P3000A083G02A05-24	1
54	HOS0020745	ME-2/3 RESTR CONT PMP SUCT HOS	1
55	HYD5405040	1/2 JIC X 3/8 NPT 90* MALE ELB	2
56	FT 0000547	PUMP, WEBSTER 22YBAD012-2RB	1
57	F 0006635	1/2 X 3/8 X 90* JIC MALE ELBOW	1
58	HOS0020746	ME-2/3 RESTR CONT PMP PRES HOS	1
59	BKT0005306	BRACKET TENSION COT PUMP	1
60	ZZ 0000403	1/8 X 1/8 X 1 KEY	1
61	PUL0000615	SHEAVE W/1/2 BORE	1
62	BLT0000038	BELT COG DAYTON	1
63	PUL0810601	IDLER PULLEY-FAFNIR	1
64	MNT0018131	WE-2/3 - PRIMARY PUMP MNT ASSY	1
65	CPL0010003	COUPLER HUB GERBING 1-3/8	1
66	CPL0010002	SPIDER COUPLER GERBING	1
67	CPL0010001	COUPLER HUB GERBING 3/4	1
68	PUL0785100	PULLEY UNIT-1-3/8"BORE-10 HP	1
69	ELC0010012	MOTOR 10HP 1800RPM TEFC 3PH	1
70	BKT0007773	BRACKET TENSION CNTRL PMP SHD	1
71	SHD0007772	SHIELD-TENSION CONTROL PUMP	1
72	HYD3159040	1/2 STEEL HEX PLUG	2
73	HOS0020749	ME-2/3 ANTI-PLUG VLV RET HOSE	1
74	HYD3109064	3/4 X 1/2 STEEL NPT BUSHING	1
75	HYD5205044	1/2 JIC X 1/2 NPT MALE CONN	1
76	HYD3109042	1/2" X 1/4" STEEL NPT BUSHING	1
77	HOS0020747	ME-2/3 ANTI-PLUG VLV PRESS HOS	1
78	VLV0000675	VALVE-SUB-PLATE F/VLV00410D5	1
79	KIT0083368	KIT-BOLT	1
79	VLV00410D5	R.R. SINGLE SOLENOID VALVE	1
80	HOS0020756	ME-2/3 FLOW CONT VLV PRESS HOS	1
81	VLV0050065	VALVE-CHECK 1/2"X 65#(01-502)	1
82	HYD3069040	1/2 NPT HEX NIPPLE	3
83	01-521	VALVE FLOW CONTROL-1/2"-BRAND	1
84	VLV00G1725	SUBPLATE 3/4 NPT	1
85	CYL0003362	CYLINDER 3"X36F 3500PSI 2" ROD	1
86	HOS0020755	ME-2/3 MAIN REL VALVE RET HOSE	1
87	PPE0000750	3/4 X CLOSE STD BLK PIP NIPPLE	1
88	HYD3109062	3/4 X 1/4 BUSHING	1
89	F 0003155	1/4" STD CLOSE NIPPLE	2
90	VLV0003500	VALVE-RELIEF SUN RPGCQCNCED	1
91	HYD3509060	3/4 NPT X 90* FEMALE ELBOW	1
92	VLV0000500	SELECTOR VLV-GRESEN(WAS:01-504	1
93	GAG0002113	GAUGE, HYD GLYCERIN FILL 5000PS	1
94	F 0006657	CHECK VALVE-5 PSI X 1/2"	1
95	VLVRD118	RELIEF VALVE 1000PSI-CROSS	1
96	HYD5405034	3/8 JIC X 1/2 NPT 90* ELBOW	1
97	HYD5805030	3/8 JIC X 1/4 FEMALE RUN TEE	4
98	SCC0000302	3/8 X 1 NC HT CAP SCREW	4
99	WLK0003750	3/8" LOCKWASHER	16

REF NO.	PART NO.	DESCRIPTION	QTY. USED
100	NCH0003750	3/8" NC HEX NUT	8
101	WCT0003750	3/8" FLATWASHER	6
102	SCC0000303	3/8 X 1-1/4 NC HT CAP SCREW	2
103	SCC0000305	3/8 X 1-3/4 NC HT CAP SCREW	4
104	SCC0000301	3/8 X 3/4 NC HT CAP SCREW	4
105	SCC0000404	7/16 X 1-1/2 NC HT CAP SCREW	6
106	WCT0004375	7/16 CUTWASHER	4
107	WLK0004375	7/16 LOCKWASHER	6
108	NCH0004375	7/16" NC HEX NUT	6
109	SMS0000171	1/4 X 5/8 NC WHIZ BOLT-PLATED	4
110	WCT0002500	1/4" FLATWASHER	6
111	NMS0000250	1/4" NC WHIZ NUT - PLATED	4
112	SCC0000509	1/2 X 2-3/4 NC HT CAP SCREW	1
113	WCT0005000	1/2" FLATWASHER	6
114	WLK0005000	1/2" LOCKWASHER	1
115	NCH0005000	1/2" NC HEX NUT	1
116	ZZ 0000428	5/16 X 5/16 X 1 KEY	1
117	SCC0000108	1/4 X 2-1/2 NC HT CAP SCREW	2
118	WLK0002500	1/4" LOCKWASHER	2
119	NCH0002500	1/4" NC HEX NUT	2
120	SCS0000201	5/16 X 3/4 NC SOCKET HD CS	4
121	WLK0003125	5/16" LOCKWASHER	4
122	NCH0003125	5/16" NC HEX NUT	4
123	SCC0000304	3/8 X 1-1/2 NC HT CAP SCREW	4
124	CPL0010000	COUPLER GERBING 3/4X1-3/8	1
125	HYD3609060	3/4 MALE BRANCH TEE	1

MAIN HYDRAULIC SYSTEM ME-3



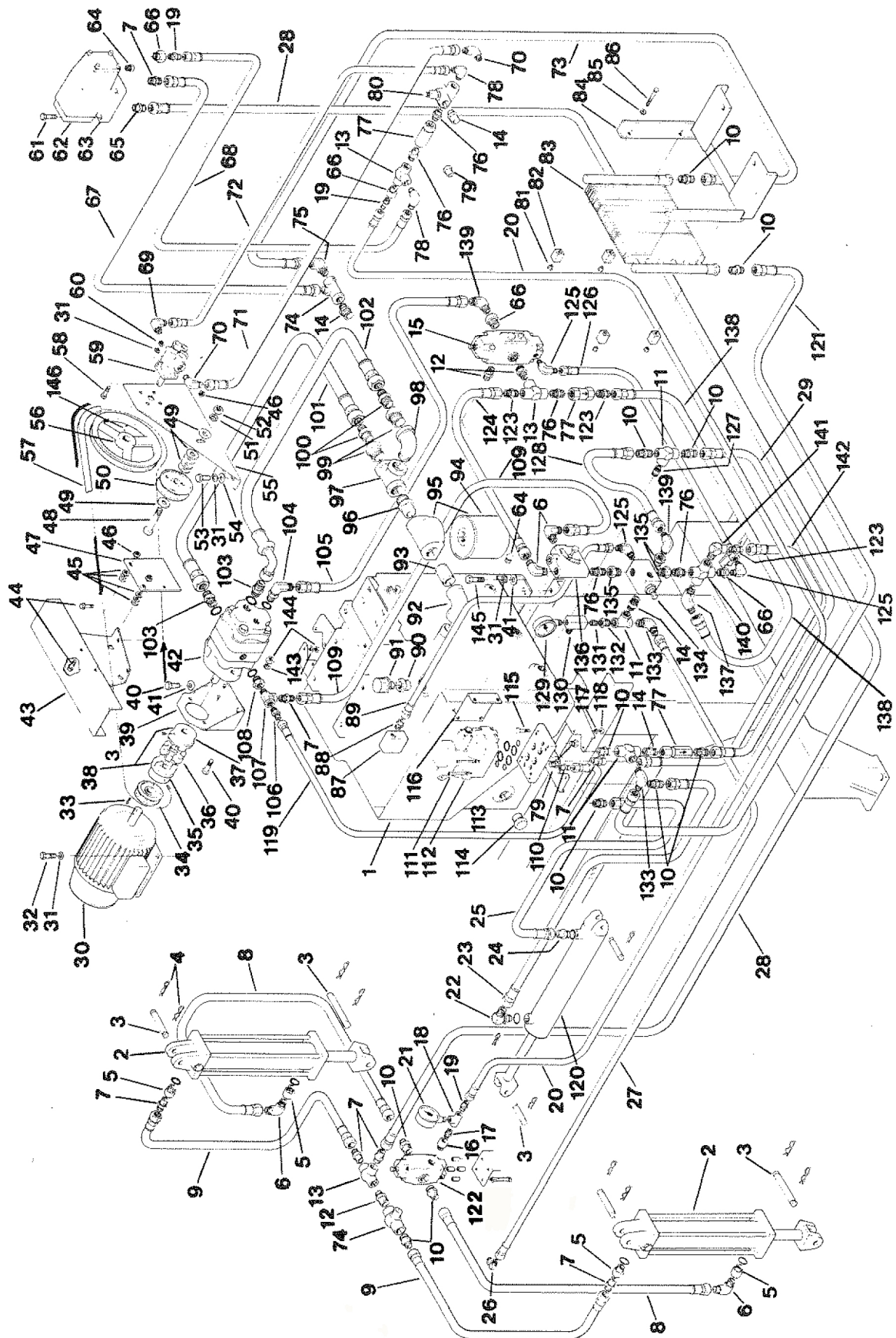
HYDRAULIC SYSTEM 24"S

RFF NO.	PART NO.	DESCRIPTION	QTY. USED
1	TNK0017280	STATIONARY BALER HYD TANK ASSY	1
2	CYL0093100	HYD CYLINDER - PRINCE	2
3	CYL0181106	PIN F/VICTOR HYD CYLINDER	6
4	CYL0181107	PIN CLIP F/VICTOR HYD CYLINDER	12
5	HYD3269064	3/4 ORING X 1/2 NPT FEM ADAPT	4
6	HYD5405050	5/8 JIC X 1/2 NPT 90* MALE ELB	6
7	F 0006671	5/8 JIC X 1/2 NPT MALE CONN	7
8	HOS0020752	ME-2/3 RESTR CYL ROD END HOSE	2
9	HOS0020751	ME-2/3 RESTR CYL BUTT END HOSE	2
10	HYD5205056	5/8 JIC X 3/4 NPT MALE CONN	12
11	HYD3709060	3/4 STEEL FEMALE PIPE TEE	5
12	HYD3069064	3/4 X 1/2 NPT STEEL HEX NIPPLE	1
13	HYD3709040	1/2 STEEL FEMALE PIPE TEE	2
14	HYD3069060	3/4 NPT STEEL HEX NIPPLE	6
15	VLV0006004	VALVE-UNLOADER	1
16	HYD3269032	3/8 ORING X 1/4 NPT FEM ADAPT	1
17	HYD3069020	1/4 NPT STEEL HEX NIPPLE	1
18	HYD3709020	1/4 STEEL FEMALE PIPE TEE	1
19	FT 0000219	3/8 JIC X 1/4 NPT MALE CONN	2
20	HOS0021207	UNLOADER VALVE PRESSURE HOSE	1
21	GAG0002112	HYDRAULIC GAUGE#3000LBS 2-1/2"	1
22	HYD6801056	5/8JIC-3/4 ORING 90* ELBOW	1
23	HOS0021687	PLUNGER CYL. RETURN HOSE-WE-3R	1
24	HYD5315056	5/8JIC X 3/4 O-RNG ST THD CONN	1
25	HOS0020763	ME-2/3 PLUNGER CYL PRESS HOSE	1
26	HYD5515020	1/4 JIC X 1/4 O-RING 90* ELBOW	1
27	HOS0021209	UNLOADER VALVE PILOT HOSE-ME	1
28	HOS0021208	UNLOADER VALVE RETURN HOSE-ME	1
29	HOS0020761	ME-2/3 MAIN SYSTEM RETURN HOSE	1
30	HOS0020757	ME-2/3 FLOW CONTROL EXCESS HOS	1
31	F 0006682	5/8 JIC X 3/4 NPT 90* MALE ELB	3
32	HOS0020758	ME-2/3 SOLENOID VLV PRESS HOSE	1
33	HOS0020759	ME-2/3 SELECTOR VALVE REL HOSE	1
34	HYD5205022	1/4 JIC X 1/4 NPT MALE CONN	2
35	HYD3159020	1/4 HEX HEAD STEEL PIPE PLUG	3
36	HYD3159070	1" HEX HEAD STEEL PIPE PLUG	1
37	VLV0416611	DBL.SOL. VALVE 4WEH16P6AW110NT	1
38	KIT0833395	KIT-BOLT	1
39	SWI0005059	BARKSDALE PRESS SW-MINI PISTON	1
40	HYD5205031	3/8 JIC X 1/8 NPT MALE CONN	1
41	FT 0000530	FILTER ASB-8F2113 OR 13829-98	1
42	PPE1250750	1-1/4 X 3/4 STD BLK HEX BUSHIN	1
43	PPE1259000	1-1/4 X 90* FEMALE ELBOW PIPE	1
44	PPE0001250	1-1/4 CLOSE STD NIPPLE	1
45	FIL0251101	FILTER & HEAD ASSY-GRESEN	1
46	01-636	FILTER ELEMENT-ZINGA SE-25FG-2	1
47	HYD3109086	1-1/4 X 3/4 STEEL PIPE BUSHING	1
48	HYD5205070	1 JIC X 1 NPT MALE CONN	1
49	HOS0020754	ME-2/3 PRIMARY PMP SUCTION HOS	1
50	HOS0020750	ME-2/3 UNLOADED VALVE RET HOSE	1

REF NO.	PART NO.	DESCRIPTION	QTY. USED
51	HYD3269066	3/4 X 3/4 STRA THREAD ADAPTER	1
52	HYD5515070	1 X 90* STRA THRD O-RING ELBOW	1
53	PMP0003000	PUMP PERMCO P3000A083GD2A05-24	1
54	HOS0020745	ME-2/3 RESTR CONT PMP SUCT HOS	1
55	HYD5405040	1/2 JIC X 3/8 NPT 90* MALE ELB	1
56	FT 0000547	PUMP, WEBSTER 22YBAD012-2RB	1
57	F 0006635	1/2 X 3/8 X 90* JIC MALE ELBOW	1
58	HOS0020746	ME-2/3 RESTR CONT PMP PRES HOS	1
59	BKT0005306	BRACKET TENSION COT PUMP	1
60	ZZ 0000403	1/8 X 1/8 X 1 KEY	1
61	PUL0000615	SHEAVE W/1/2 BORE	1
62	BLT0000038	BELT COG DAYTON	1
63	PUL0810601	IDLER PULLEY-FAFNIR	1
64	MNT0018131	WE-2/3 - PRIMARY PUMP MNT ASSY	1
65	CPL0010003	COUPLER HUB GERBING 1-3/8	1
66	CPL0010002	SPIDER COUPLER GERBING	1
67	CPL0010001	COUPLER HUB GERBING 3/4	1
68	PUL0785101	PULLEY UNIT-1-5/8"BORE-15 HP	1
69	ELC0010013	MOTOR 15HP 1800RPM TEFC 3PH	1
70	BKT0007773	BRACKET TENSION CNTRL PMP SHD	1
71	SHD0007772	SHIELD-TENSION CONTROL PUMP	1
72	HYD3159040	1/2 STEEL HEX PLUG	2
73	HOS0020749	ME-2/3 ANTI-PLUG VLV RET HOSE	1
74	HYD3109064	3/4 X 1/2 STEEL NPT BUSHING	3
75	HYD5205044	1/2 JIC X 1/2 NPT MALE CONN	1
76	HYD3109042	1/2" X 1/4" STEEL NPT BUSHING	1
77	HOS0020747	ME-2/3 ANTI-PLUG VLV PRESS HOS	1
78	VLV0000675	VALVE-SUB-PLATE F/VLV00410D5	1
79	KIT0083368	KIT-BOLT	1
79	VLV00410D5	R.R. SINGLE SOLENOID VALVE	1
80	HOS0020756	ME-2/3 FLOW CONT VLV PRESS HOS	1
81	VLV0050065	VALVE-CHECK 1/2"X 65#(01-502)	1
82	HYD3069040	1/2 NPT HEX NIPPLE	3
83	01-521	VALVE FLOW CONTROL-1/2"-BRAND	1
84	VLV00G1725	SUBPLATE 3/4 NPT	1
85	CYL0003362	CYLINDER 3"X36F 3500PSI 2" ROD	1
86	HOS0020755	ME-2/3 MAIN REL VALVE RET HOSE	1
87	PPE0000750	3/4 X CLOSE STD BLK PIP NIPPLE	1
88	HYD3109062	3/4 X 1/4 BUSHING	1
89	F 0003155	1/4" STD CLOSE NIPPLE	2
90	VLV0003500	VALVE-RELIEF SUN RPGCQCNCED	1
91	HYD3509060	3/4 NPT X 90* FEMALE ELBOW	1
92	VLV0000500	SELECTOR VLV-GRESEN(WAS:01-504	1
93	GAG0002113	GAUGE, HYD GLYCERIN FILL 5000PS	1
94	F 0006657	CHECK VALVE-5 PSI X 1/2"	2
95	VLVRD11B	RELIEF VALVE 1000PSI-CROSS	1
96	HYD5405034	3/8 JIC X 1/2 NPT 90* ELBOW	1
97	HYD5805030	3/8 JIC X 1/4 FEMALE RUN TEE	4
98	SCC0000302	3/8 X 1 NC HT CAP SCREW	4
99	WLK0003750	3/8" LOCKWASHER	16

REF NO.	PART NO.	DESCRIPTION	QTY. USED
100	NCH0003750	3/8" NC HEX NUT	8
101	WCT0003750	3/8" FLATWASHER	6
102	SCC0000303	3/8 X 1-1/4 NC HT CAP SCREW	2
103	SCC0000305	3/8 X 1-3/4 NC HT CAP SCREW	4
104	SCC0000301	3/8 X 3/4 NC HT CAP SCREW	4
105	SCC0000404	7/16 X 1-1/2 NC HT CAP SCREW	6
106	WCT0004375	7/16 CUTWASHER	6
107	WLK0004375	7/16 LOCKWASHER	6
108	NCH0004375	7/16" NC HEX NUT	6
109	SMS0000171	1/4 X 5/8 NC WHIZ BOLT-PLATED	4
110	WCT0002500	1/4" FLATWASHER	6
111	NMS0000250	1/4" NC WHIZ NUT - PLATED	4
112	SCC0000509	1/2 X 2-3/4 NC HT CAP SCREW	1
113	WCT0005000	1/2" FLATWASHER	6
114	WLK0005000	1/2" LOCKWASHER	1
115	NCH0005000	1/2" NC HEX NUT	1
116	ZZ 0000438	3/8 X 3/8 X 1 KEY	1
117	SCC0000108	1/4 X 2-1/2 NC HT CAP SCREW	2
118	WLK0002500	1/4" LOCKWASHER	2
119	NCH0002500	1/4" NC HEX NUT	2
120	SCS0000201	5/16 X 3/4 NC SOCKET HD CS	4
121	WLK0003125	5/16" LOCKWASHER	4
122	NCH0003125	5/16" NC HEX NUT	4
123	SCC0000304	3/8 X 1-1/2 NC HT CAP SCREW	4
124	CPL0010000	COUPLER GERBING 3/4X1-3/8	1
125	HOS0020764	ME-3/3R OIL COOLER PRESS HOSE	1
126	HOS0020765	ME-3/3R OIL COOLER RETURN HOSE	1
127	MNT0018507	OIL COOLER MNT.(15HP AJAX ONLY	1
128	SCC0020006	5/16 X 2 NC HT C.S. PLTD	4
129	F 0006263	HEAT EXCHANGER-HAYDEN	1
130	WCT0003125	5/16" CUTWASHER	4
131	CLR0002094	MOUNTING BLOCK-OIL COOLER	4
132	CLR0002353	TEE NUT-OIL COOLER MOUNT	4
133	HYD3609060	3/4 MALE BRANCH TEE	2

MAIN HYDRAULIC SYSTEM ME-3R



ME-3R HYDRAULIC SYSTEM

REF NO.	PART NO.	DESCRIPTION	QTY. USED
1	TNK0017280	STATIONARY BALER HYD TANK ASSY	1
2	CYL0093100	HYD CYLINDER - PRINCE	2
2	SEL0010716	SEAL KIT F/CYL0010716	2
3	CYL0181106	PIN F/VICTOR HYD CYLINDER	6
4	CYL0181107	PIN CLIP F/VICTOR HYD CYLINDER	12
5	HYD3269064	3/4 ORING X 1/2 NPT FEM ADAPT	4
6	HYD5405050	5/8 JIC X 1/2 NPT 90* MALE ELB	6
7	F 0006671	5/8 JIC X 1/2 NPT MALE CONN	7
8	HOS0020752	ME-2/3 RESTR CYL ROD END HOSE	2
9	HOS0020751	ME-2/3 RESTR CYL BUTT END HOSE	1
10	HYD5205056	5/8 JIC X 3/4 NPT MALE CONN	12
11	HYD3709060	3/4 STEEL FEMALE PIPE TEE	4
12	HYD3069064	3/4 X 1/2 NPT STEEL HEX NIPPLE	3
13	HYD3709040	1/2 STEEL FEMALE PIPE TEE	3
14	HYD3069060	3/4 NPT STEEL HEX NIPPLE	4
15	VLV0006004	VALVE-UNLOADER	1
16	HYD3269032	3/8 ORING X 1/4 NPT FEM ADAPT	1
17	HYD3069020	1/4 NPT STEEL HEX NIPPLE	1
18	HYD3709020	1/4 STEEL FEMALE PIPE TEE	1
19	FT 0000219	3/8 JIC X 1/4 NPT MALE CONN	3
20	HOS0021207	UNLOADER VALVE PRESSURE HOSE	1
21	GAG0002112	HYDRAULIC GAUGE#3000LBS 2-1/2"	1
22	HYD6801056	5/8JIC-3/4 ORING 90* ELBOW	1
23	HOS0021687	PLUNGER CYL. RETURN HOSE-WE-3R	1
24	HYD5315056	5/8JIC X 3/4 O-RNG ST THD CONN	1
25	HOS0021686	PLUNGER CYL. PRESSURE HOSE-WE3	1
26	HYD5515020	1/4 JIC X 1/4 O-RING 90* ELBOW	1
27	HOS0021209	UNLOADER VALVE PILOT HOSE-ME	1
28	HOS0021208	UNLOADER VALVE RETURN HOSE-ME	1
29	HOS0020761	ME-2/3 MAIN SYSTEM RETURN HOSE	1
30	MTR0010013	MOTOR 15 HP 1800 RPM TEFC 3PH	1
31	WLK0003750	3/8" LOCKWASHER	16
32	SCC0000305	3/8 X 1-3/4 NC HT CAP SCREW	4
33	ZZ 0000438	3/8 X 3/8 X 1 KEY	1
34	PUL0785101	PULLEY UNIT-1-5/8"BORE-15 HP	1
35	CPL0015005	1-5/8 HUG COUPLER GERBING	1
36	CPL0015003	COUPLER SPIDER GERBING	1
37	CPL0015002	3/4 HUB COUPLER GERBING	1
38	CPL0015000	3/4 X 1-5/8 COUPLER GERBING	1
39	MNT0018131	WE-2/3 - PRIMARY PUMP MNT ASSY	1
40	SCC0000304	3/8 X 1-1/2 NC HT CAP SCREW	6
41	WCT0003750	3/8" FLATWASHER	6
42	PMP3000383	PUMP-P3000C383FXZA07C24BIZA07-	1
43	SHD0007772	SHIELD-TENSION CONTROL PUMP	1
44	SMS0000171	1/4 X 5/8 NC WHIZ BOLT-PLATED	4
45	WCT0002500	1/4" FLATWASHER	6
46	NMS0000250	1/4" NC WHIZ NUT - PLATED	4
47	BKT0007773	BRACKET TENSION CNTRL PMP SHD	1
48	SCC0000509	1/2 X 2-3/4 NC HT CAP SCREW	1
49	WCT0005000	1/2" FLATWASHER	6

REF NO.	PART NO.	DESCRIPTION	QTY. USED
50	PUL0810601	IDLER PULLEY-FAFNIR	1
51	WLK0005000	1/2" LOCKWASHER	1
52	NCH0005000	1/2" NC HEX NUT	1
53	SCC0000303	3/8 X 1-1/4 NC HT CAP SCREW	2
54	WCT0003750	3/8" FLATWASHER	6
55	BKT0005306	BRACKET TENSION COT PUMP	1
56	PUL0000615	SHEAVE W/1/2 BORE	1
57	BLT0000038	COG BELT - DAYTON AX 38	1
58	SCC0000302	3/8 X 1 NC HT CAP SCREW	4
59	FT 0000547	PUMP, WEBSTER 22YBAD012-2RB	1
60	NCH0003750	3/8" NC HEX NUT	8
61	SCC0000304	3/8 X 1-1/2 NC HT CAP SCREW	4
62	KIT0083368	KIT-BOLT	1
62	VLV00410D5	R.R. SINGLE SOLENOID VALVE	1
63	VLV0000675	VALVE-SUB-PLATE F/VLV00410D5	1
64	HYD3159040	1/2 HEX HEAD STEEL PIPE PLUG	2
65	HYD5205044	1/2 JIC X 1/2 NPT MALE CONN	1
66	HYD3109042	1/2 X 1/4 STEEL PIPE BUSHING	3
67	HOS0020749	ME-2/3 ANTI-PLUG VLV RET HOSE	1
68	HOS0020747	ME-2/3 ANTI-PLUG VLV PRESS HOS	1
69	F 0006635	3/8 X 3/8 X 90* JIC MALE ELBOW	1
70	HYD5405040	1/2 JIC X 3/8 NPT 90* MALE ELB	2
71	HOS0020745	ME-2/3 RSTR CONT PMP SUCT HOS	1
72	HOS0020746	ME-2/3 RSTR CONT PMP PRES HOS	1
73	HOS0020765	ME-3/3R OIL COOLER REUTRN HOSE	1
74	HYD3609060	3/4 NPT STEEL MALE BRANCH TEE	1
75	F 0006682	5/8 JIC X 3/4 NPT 90* MALE ELB	1
76	HYD3069040	1/2 NPT STEEL HEX NIPPLE	5
77	F 0006657	CHECK VALVE-5 PSI X 1/2"	3
78	F 0006673	3/8 JIC X 1/2 NPT 90* MALE ELB	2
79	HYD3159020	1/4 HEX HEAD STEEL PIPE PLUG	3
80	VLVRD11B	RELIEF VALVE 1000# RD11B-CROSS	1
81	CLR0002353	TEE NUT-OIL COOLER MOUNT	4
82	CLR0002094	MOUNTING BLOCK-OIL COOLER	4
83	F 0006263	HEAT EXCHANGER-HAYDEN	1
84	MNT0018507	OIL COOLER MNT.(15HP AJAX ONLY	1
85	WCT0003125	5/16" FLATWASHER	4
86	SCC0020006	5/16 X 2 NC HT CS - PLATED	4
87	SWI0005059	BARKSDALE PRESS SW-MINI PISTON	1
88	HYD5205031	3/8 JIC X 1/8 NPT MALE CONN	1
89	HOS0020760	ME-2/3 BARKSDALE PRESS SW HOSE	1
90	PPE1250750	1-1/4 X 3/4 STD BLK HEX BUSHIN	1
91	FT 0000530	FILTER ASB-BF2113 OR 13829-98	1
92	PPE1259000	1-1/4 X 90* FEMALE ELBOW PIPE	1
93	PPE0001250	1-1/4 CLOSE STD NIPPLE	1
94	01-636	FILTER ELEMENT-ZINGA SE-25FG-2	1
95	FIL0251101	FILTER & HEAD ASSY-GRESEN	1
96	HYD3069080	1-1/4 NPT STEEL HEX NIPPLE	1
97	PPE0041250	1-1/4 BLACK PIPE STD TEE	1
98	PPE1250900	1-1/4" X 90* NPT STREET ELBOW	1

REF NO.	PART NO.	DESCRIPTION	QTY. USED
99	HYD3109086	1-1/4 X 3/4 STEEL PIPE BUSHING	2
100	HYD5205060	3/4 JIC X 3/4 NPT MALE CONN	2
101	HOS0020754	ME-2/3 PRIMARY PMP SUCTION HOS	1
102	HOS0021685	SECONDARY PMP SEC SUCTION HOSE	1
103	HYD5315067	3/4 JIC X 1" O-RNG ST THD CONN	2
104	HYD6801056	5/8JIC-3/4 ORING 90* ELBOW	1
105	HOS0021689	UNLOADED VLV PRESSURE HOSE-WE3	1
106	HYD5205024	1/4 JIC X 1/2 NPT MALE CONN	1
107	HYD3759040	1/2 NPT STEEL MALE RUN TEE	1
108	HYD3269074	1" ORING X 1/2 NPT FEM ADAPT	1
109	HOS0020755	ME-2/3 MAIN REL VALVE RET HOSE	1
110	HYD5205022	1/4 JIC X 1/4 NPT MALE CONN	1
111	KIT0833395	KIT-BOLT	1
112	VLV0416611	DBL.SOL. VALVE 4WEH16P6AW11ONT	1
113	VLV00G1725	3/4 NPT SUBPLATE	1
114	HYD3159070	1" HEX HEAD STEEL PIPE PLUG	1
115	SCC0000201	5/16 X 3/4 NC HT CAP SCREW	4
116	MNT0018916	FLOW CONTROL VALVE MNT-WE-3R	1
117	WLK0003125	5/16" LOCKWASHER	4
118	NCH0003125	5/16" NC HEX NUT	4
119	HOS0020759	ME-2/3 SOLENOID VLV PILOT HOSE	1
120	CYL0003362	HYD CYL 3 X 36, 2"ROD, 3500PSI	1
120	SEL0003362	2"ROD,SEAL KIT F/CYL0003362	1
121	HOS0020764	ME-3/3R OIL COOLER PRESS HOSE	1
122	VLV0006324	VLV UNLOADER PILOT PISTON-VICK	1
123	HYD5205054	5/8 JIC X 1/2 NPT MALE CONN	3
124	HOS0020757	ME-2/3 FLOW CONTROL EXCESS HOS	1
125	HYD5405022	1/4 JIC X 1/4 NPT 90* MALE ELB	1
126	HOS0021690	UNLOADER VALVE PILOT HOSE-WE-3	1
127	PPE0000750	3/4 XCLOSE STD BLK PIPE NIPPLE	1
128	HOS0021688	RELIEF VLV RETURN HOSE-ME3R	1
129	GAG0002113	GAUGE, HYD GLYCERIN FILL 5000PS	1
130	VLV0000400	1/4 NEEDLE VALVE (WAS N400S)	1
131	F 0003155	1/4" STD CLOSE NIPPLE	1
132	HYD3109062	3/4 X 1/4 STEEL PIPE BUSHING	1
133	HYD5405046	1/2 JIC X 3/4 NPT 90* MALE ELB	2
134	VLV0003500	VALVE-RELIEF SUN RPGCQCNCED	1
135	HYD3109064	3/4 X 1/2 STEEL PIPE BUSHING	4
136	01-521	VALVE FLOW CONTROL-1/2"-BRAND	1
137	HYD5355050	5/8 JIC X 1/2 NPT 45* MALE ELB	1
138	HOS0020752	ME-2/3 RESTR CYL ROD END HOSE	1
139	HYD5405050	5/8 JIC X 1/2 NPT 90* MALE ELB	2
140	HYD3959040	1/2 STEEL PIPE CROSS	1
141	HYD3409040	1/2 X 90* STEEL STREET ELBOW	1
142	HOS0020758	ME-2/3 SOLENOID VLV PRESS HOSE	1
143	WLK0003750	3/8" LOCKWASHER	6
144	NCH0003750	3/8" NC HEX NUT	6
145	SCC0000301	3/8 X 3/4 NC HT CAP SCREW	4
146	ZZ 0000403	1/8 X 1/8 X 1 KEY	1
147	F 0006638	3/8 JIC X 1/4 NPT 90* MALE ELB	2