



- NOTE**
- PROVIDED WITH -3 AND -5 COUPLERS
  - 1 ASSEMBLY INSTRUCTIONS:
    - ASSEMBLE -6 ADAPTOR TO -9 PUMP THRU -7 WASHERS WITH -8 BOLTS; INSTALL -8 BOLTS WITH THREADLOCKER #81789 OR EQUIV.;
    - INSTALL -5 COUPLER ON -9 PUMP SHAFT AGAINST STOP AND TIGHTEN -12 SET SCREW;
    - ASSEMBLE -4 COUPLING INSERT AND -3 COUPLER WITH -5 COUPLER;
    - ROTATE -9 PUMP SHAFT AND -2 MOTOR SHAFT TO TIGHTEN -3 COUPLER SET SCREW THROUGH ACCESS HOLE IN BOTTOM OF -6 ADAPTER;
    - INSTALL -2 MOTOR TO EXISTING ASSEMBLY THROUGH -7 WASHERS WITH -8 BOLTS;
    - INSTALL -8 BOLTS WITH THREADLOCKER #81789 OR EQUIV.;
    - TIGHTEN -12 SET SCREW ON -3 COUPLER THROUGH ACCESS HOLE IN -6 ADAPTER;
    - LEESON MOTOR P/N 108053 IS AN ACCEPTABLE REPLACEMENT OR SUBSTITUTE FOR -2 MARATHON DC MOTOR
  - 1 PUMP ASSEMBLY IS AN ACCEPTABLE REPLACEMENT OF SUBSTITUTE FOR -21 ASSEMBLY

83224  
SHEET 2 OF 2

11	OK TO USE PARTS MADE	11	NON-SHOP PRACTICE
2	PARTS MAY BE REMOVED	5	SCRAP EXISTING PARTS
3	RECORD CHANGE		NOTED
LETTER	EFFECTIVITY	CHANGE	
REF	DATE	BY	CHK

25	AN365-428	2	NUT						
24	AN960-416	AR	WASHER						
23	AN4-5A	2	BOLT						
22	124-911	1	RELAY (STANCOR)						
21	83224-21	✓	HONOR PUMP ASSEMBLY						
20	202702-8-85	1	CONNECTOR (ALT 1040-8-85 STRATOFLUX)						
19	202702-6-45	2	CONNECTOR (ALT C5315X4X6 WEATHERHEAD)						
18	8700110535	1	CLAMP BRACKET (PARKER HANNIFIN)						
17	83227-1	1	BRACKET						
16	AN365-624	2	NUT						
15	AN6-6A	2	BOLT						
14	1/4-20 x 1/2	2	SET SCREW						
13	AN960-616	2	WASHER						
12		1	PUMP (HONOR)						
11	91251A626	6	BOLT, 3/8-16x1 1/4 SOCKET CAP SCREW (McMASTER-CARR)						
10	90078-1	6	WASHER						
9	M056352A4	1	ADAPTER, PUMP MOTOR (HYDRAQUIP)						
8	83287-1	1	MODIFICATION - COUPLING						
7	170U	1	INSERT, COUPLING (HYDRAQUIP)						
6	M10002006	1	COUPLING 5/8" B x 3/16 K (HYDRAQUIP)						
5	Z669	1	DC MOTOR (MARATHON)						
4	83224-1	1	SEE SHEET 1 FOR HYDRECO PUMP ASSEMBLY						
3									
2									
1									

NO.	REV.	DATE	DESCRIPTION
1			

APPROVED	DATE	CHECKED	DATE
ERIC	3/30/07	LS	1002-0001

FINISH	NONE
WELD	
HEAT TREAT	
ACT. WT.	
DLC. WT.	

INSTALL BOLTS PER P5129 EXCEPT AS NOTED	INSTALL BOLTS PER P5130 EXCEPT AS NOTED
FINISH TO 1/2	FINISH TO 1/2
FINISH TO 1/8	FINISH TO 1/8
FINISH TO 3/16	FINISH TO 3/16
FINISH TO 1/4	FINISH TO 1/4
FINISH TO 3/8	FINISH TO 3/8
FINISH TO 1/2	FINISH TO 1/2
FINISH TO 3/4	FINISH TO 3/4
FINISH TO 1	FINISH TO 1

TITLE	ASSEMBLY - HYDRAULIC PUMP
DRAWING NUMBER	83224
SHEET	2 OF 2

MATERIAL	SNOW ENGINEERING CO.
WICHTA FALLS, TEXAS	
SCALE	1/2
SIZE	D
REV	