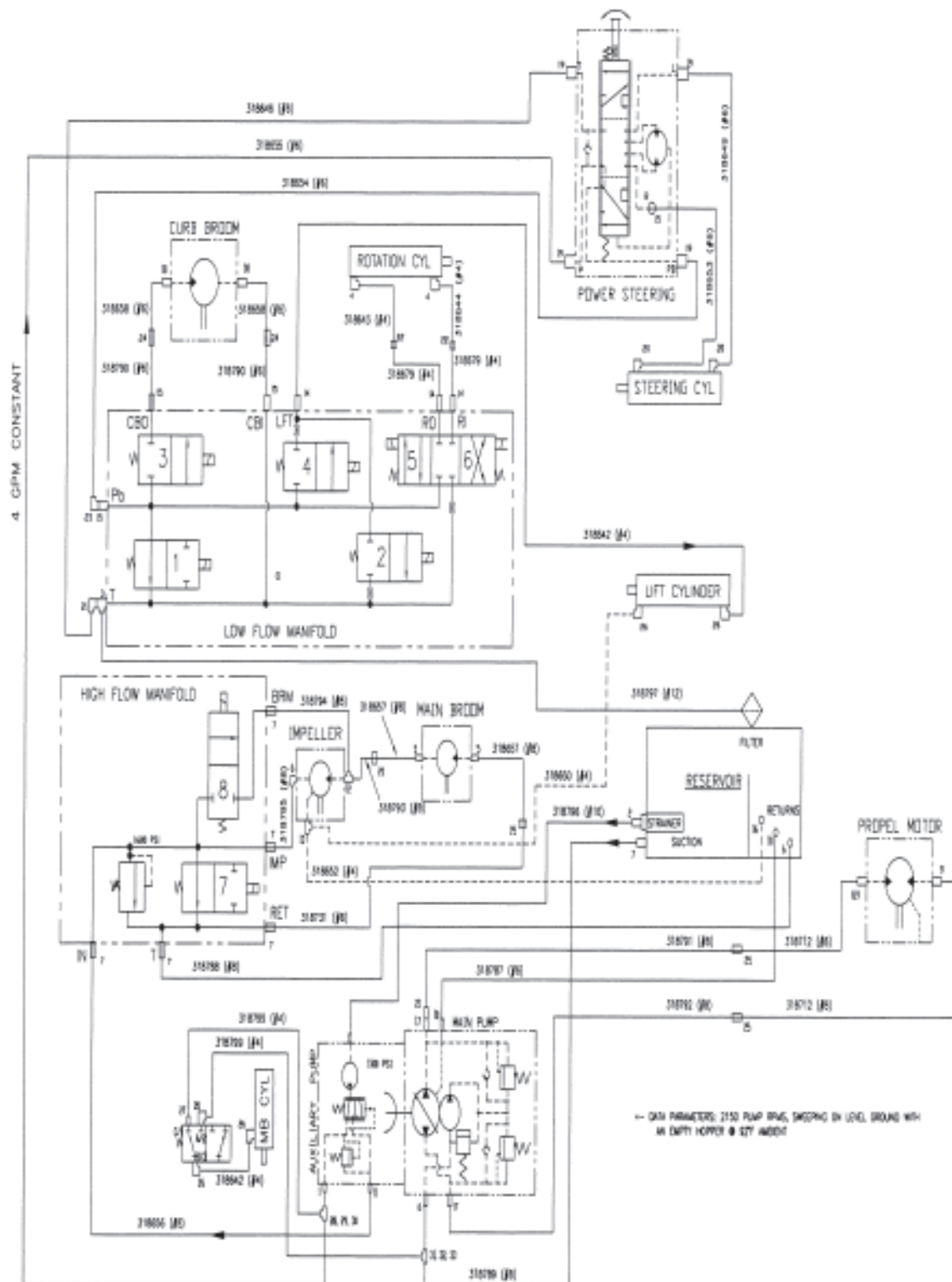


# HYDRAULIC GROUP - HYDRAULIC SCHEMATIC



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DEVICE *	P/N	FLOW-OUT	DISPL	PRESS (PSI)	TEMP	HP LOSS	RPM/TIME
CYLINDER- LIFT	318711	3.3 GPM	65.0 IN <sup>3</sup>	1600	N/A		5 SEC
CYLINDER- ROTATION	307323	1.8 GPM	28.6 IN <sup>3</sup>	1600			4 SEC
CYLINDER- STEERING	318452	4 GPM	25.1 IN <sup>3</sup>	1600			5 SEC
FILTER	318581	N/A	N/A	N/A			N/A
MANIFOLD- LO FLOW	318622	4 GPM	N/A	1600 PSI			
MANIFOLD- HI FLOW	318621	8-11 GPM	N/A	1600 PSI			
MOTOR- CURB BROOM	318532	4 GPM	9.5 IN <sup>3</sup>	70 PSI			97 RPM
MOTOR- IMPELLER	313008	11 GPM	.453 IN <sup>3</sup>	700 PSI			5610 RPM
MOTOR- MAIN BROOM	316894	11 GPM	4.5 IN <sup>3</sup>	500 PSI			510 RPM
MOTOR- PROPEL	318586	0-11.5 GPM	19 IN <sup>3</sup>	2500 PSI			N/A
PUMP- AUXILIARY	318623	14.4 GPM	1.55 IN <sup>3</sup>	1600 DUT			2150 RPM
PUMP- MAIN	303581	0-11.5 GPM	1.24 IN <sup>3</sup>	500 PSI			2150 RPM
RESERVOIR	318632	25.9 GPM	12.2 GAL	N/A	*192°F		N/A
STEERING UNIT	318471	4 GPM	80 CM <sup>3</sup>	N/A	N/A	N/A	N/A
STRAINER	307573	N/A	N/A	N/A	N/A	N/A	N/A

ITEM	FITTING DESCRIPTION	P/N
18	CONN (.88-14 to #6)	400822
19	CONN (.75-16 to #6)	400648
20	90° EL (.50-20 to #6)	400634
21	90° SWIVEL EL (#8)	400244
22	BULKHEAD (#4)	400857
23	90° SWIVEL EL (#6)	400843
24	BULKHEAD (#6)	400858
25	BULKHEAD (#8)	400859
26	90° EL (.44-20 to #4)	302407
27	CONN (.44-20 to #4)	400212
28	TEE- (#6F X #6M X #6M)	400851
29	NUT	400852
30	REDUCER	400856
31	TEE- (#8F X #8M X #8M)	400250
32	NUT	302409
33	REDUCER	302408

ITEM	FITTING DESCRIPTION	P/N
1	90° EL (.88-14 to #6)	400848
2	CONN (1"NPT to #16)	400847
3	TEE (.75-16 to #8 to #8)	400850
4	90° EL (.50-20 to #5)	400152
5	CONN (.88-14 to #8)	400151
6	90° EL (.75-16 to #8)	400154
7	CONN (.75-16 to #8)	304899
8	ADAPTER (.88-14 x .75-16)	400166
9	SWIVEL (.75-14 to #8)	400169
10	90° EL (.56-18 to #6)	400153
11	90° EL (.88-14 to #8)	400155
12	TEE (.75-16 to #8)	400163
13	TEE (.44-20 X #4 X #4)	400844
14	CONN (.56-18 to #4)	400264
15	CONN (.56-18 to #6)	400635
16	90° EL (.56-18 to #4)	400470
17	CONN (.106 to #8)	400849

FUNCTION	SOLENOID LOGIC TABLE							
	#1	#2	#3	#4	#5	#6	#7	#8
CURB BROOM ON	ENERG		ENERG					
LIFT HOPPER	ENERG			ENERG				
LOWER HOPPER		ENERG						
DUMP HOPPER	ENERG				ENERG			
RETRACT HOPPER	ENERG					ENERG		
MB & DUST CONTROL - ON							ENERG	ENERG
DUST CONTROL - OFF							ENERG	ENERG