



1290 LYON ROAD, BATAVIA, IL 60510 (630)628-2800

PUMP/MOTOR TEST REPORT

CUSTOMER _____ JOB # AS-64804

MODEL# D-15030 TEST DATE 3/12/08

ROTATION RH / CW SERIAL # 72031

TESTED RPM 900 MANUFACTURER OILGEAR

THEORETICAL FLOW(RPMxCIR/231) 108 OIL TEMPERATURE 100 F

OIL VISCOSITY 550 SSU @ 100 F ORIFICE SIZE _____

INDICATOR POSITION: NUETRAL NORMAL FULL STROKE NORMAL

PERFORMANCE

A

B

PSI	GPM	CASE
500	45	0
1000	43.5	1.5
1500	41	4
2000	39.5	5.5
2500	37	8
3000	35	10
3650	31	14

PSI	GPM	CASE
500	44.9	0
1000	41.9	3
1500	41.1	3.8
2000	39.4	5.5
2500	37.4	7.5
3000	35.6	9.3
3150	34.4	10.5

CASE LEAKAGE: A: 14 GPM@ 2500 PSI B: 10.5 GPM@ 2500 PSI

HIGH PRESSURE RELIEF SETTINGS: A: 3650 PSI B: 3650 PSI

GEAR PUMP PRESSURE 250 PSI BACK PRESSURE 60 PSI

FULL STROKE NOISE LEVEL NORMAL CYLINDER PRESSURE A: 35 PSI B: 15 PSI@ 2500 PSI

COMMENTS: WHEN PUMP WAS RECEIVED "A" SIDE LEAKED. RELIEF VALVES WERE SET OVER 4000 PSI.

ADJUSTED TO 3650 PSI AND FIXED LEAK.