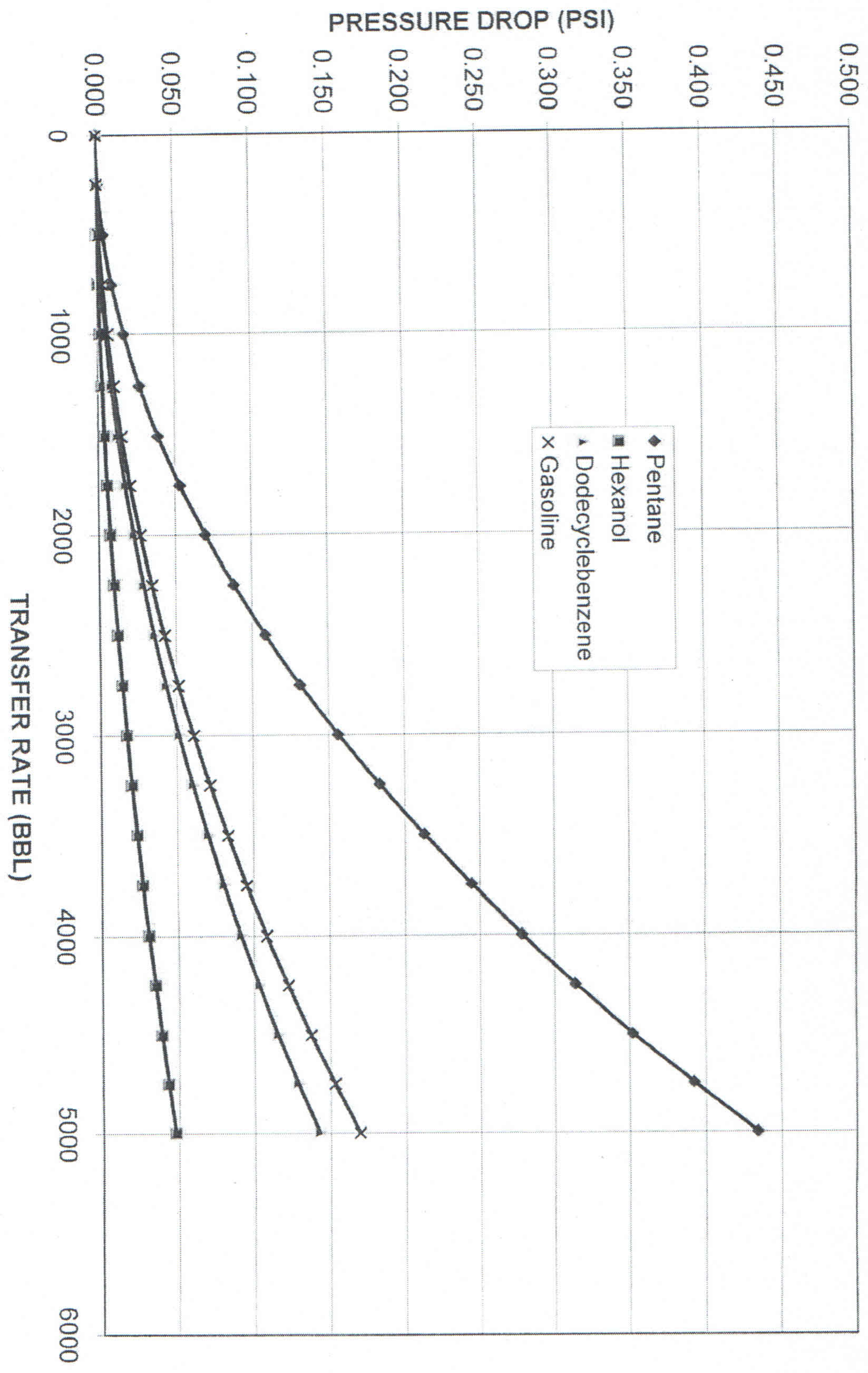
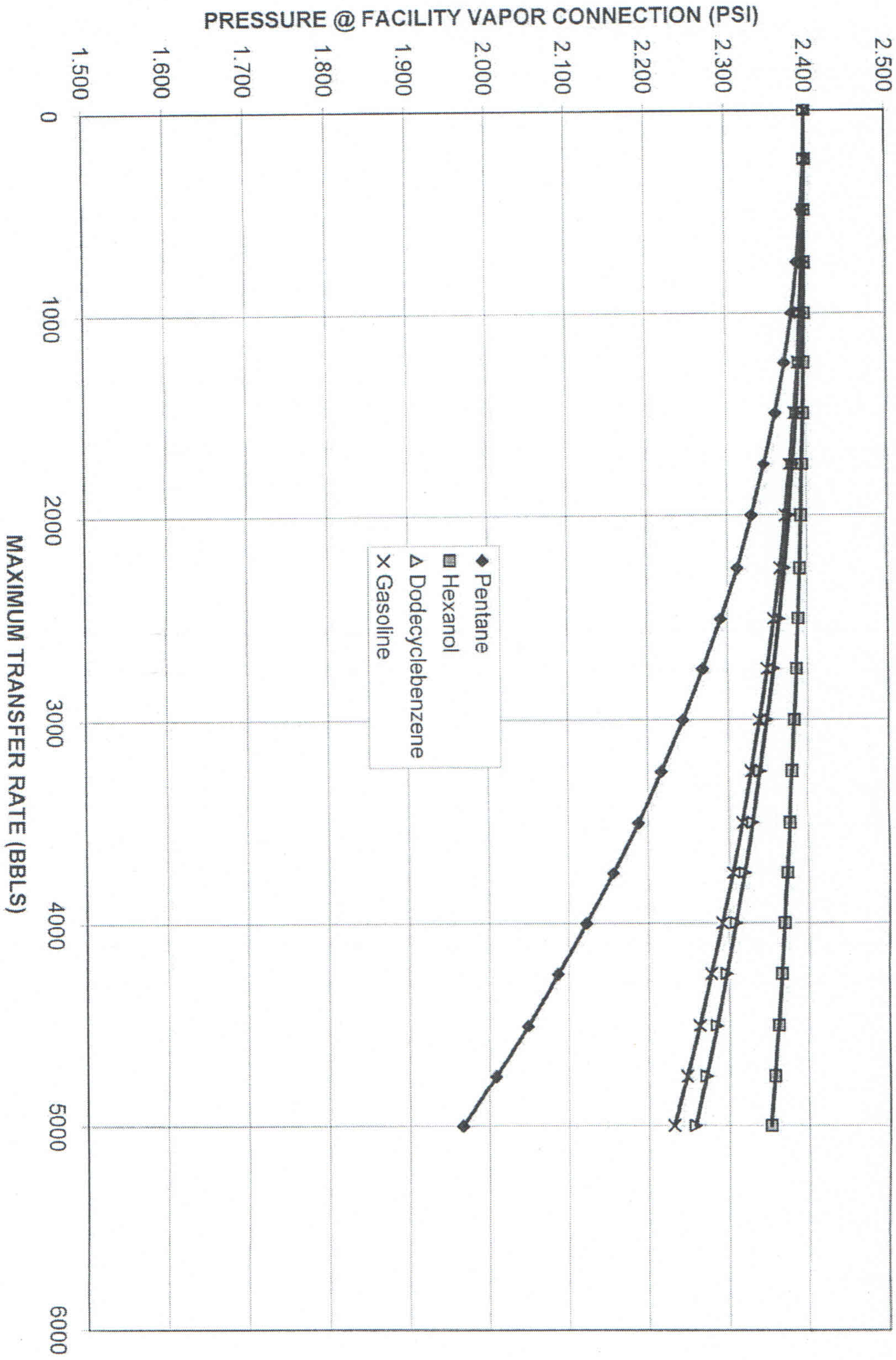


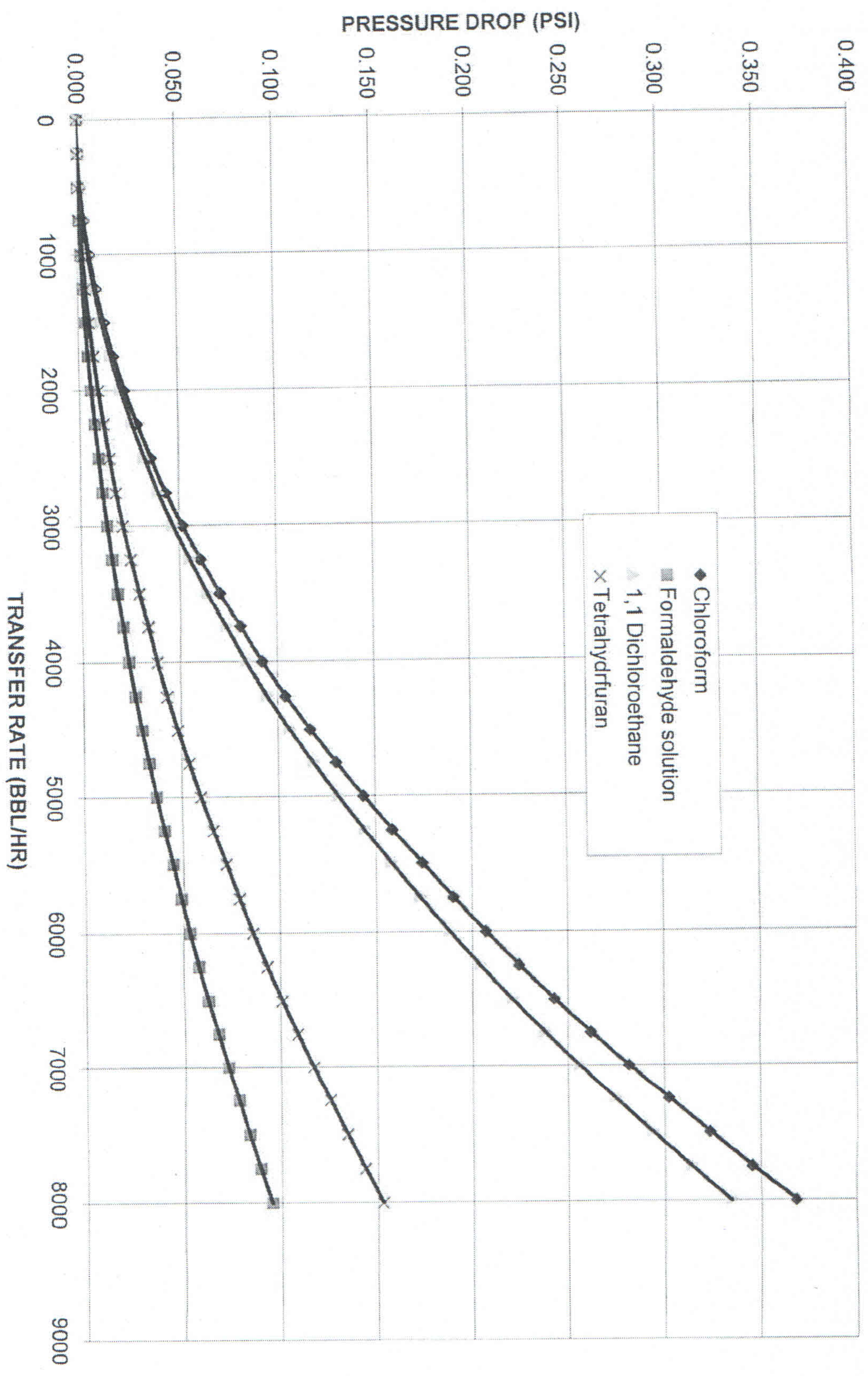
LIQUID TRANSFER RATE vs PRESSURE DROP



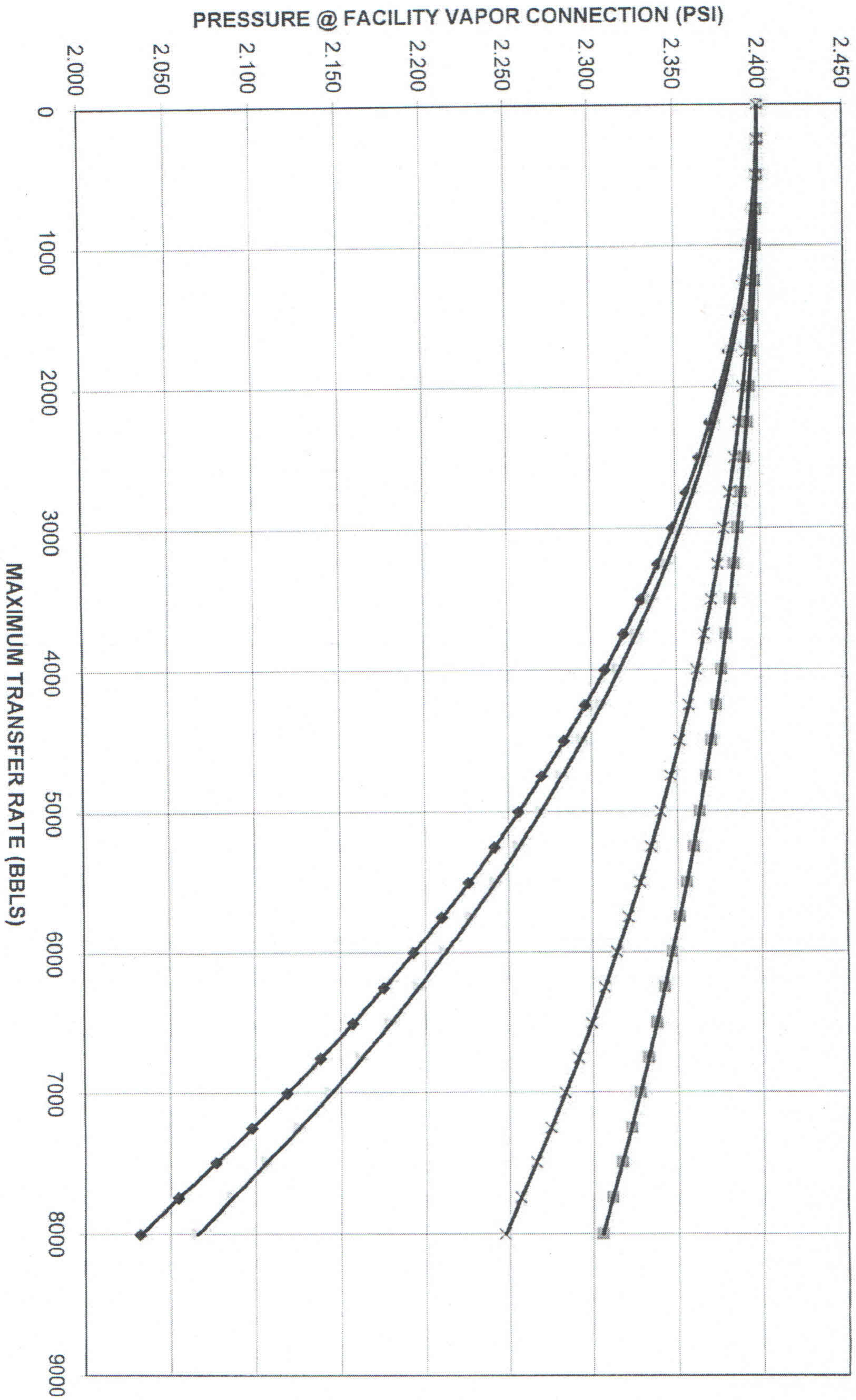
PRESSURE vs MAXIMUM TRANSFER RATE (FOR SUB-CHAPTER "D" CARGOES)



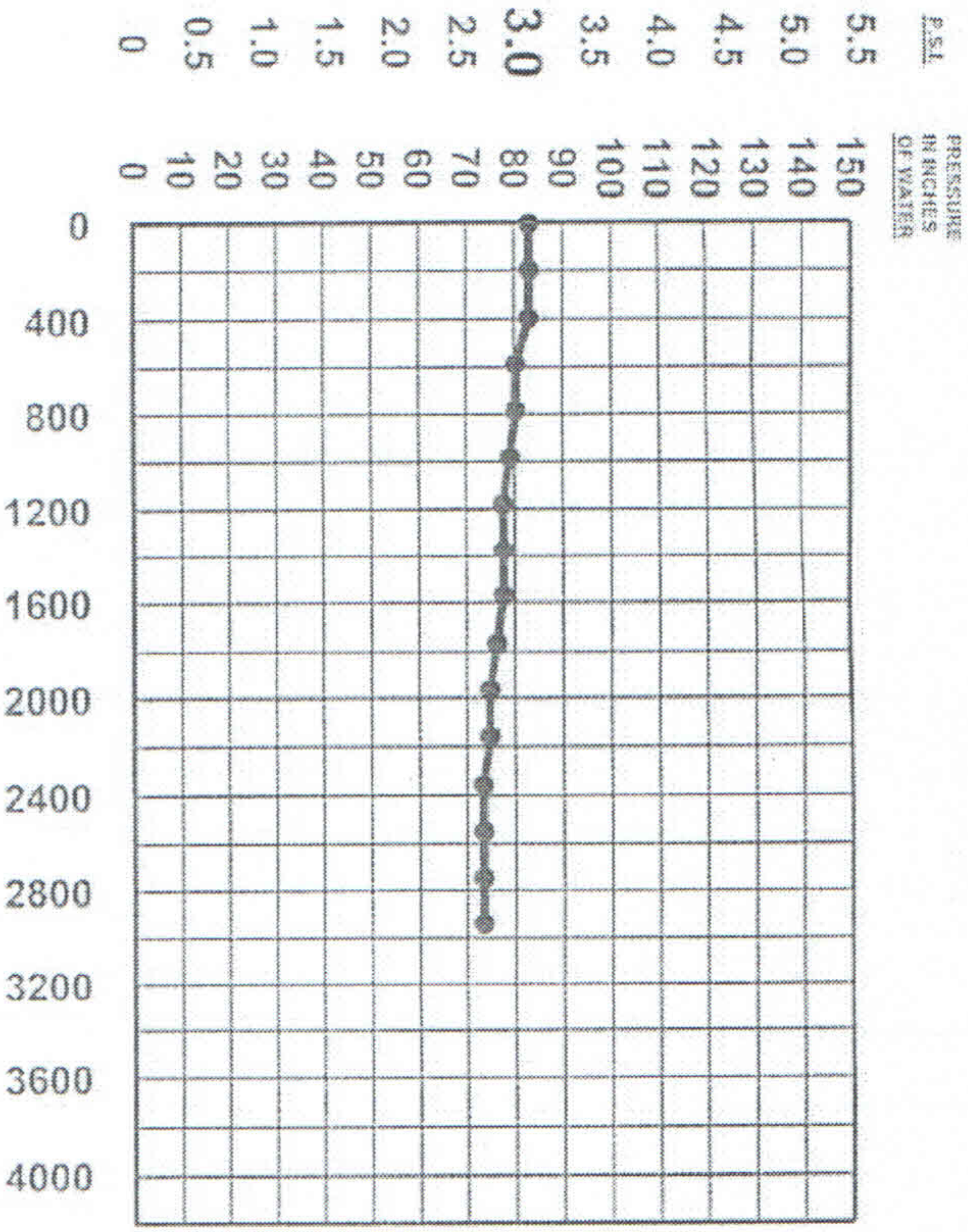
LIQUID TRANSFER RATE vs PRESSURE DROP



PRESSURE vs MAXIMUM TRANSFER RATE (FOR SUB-CHAPTER "O" CARGOES)



(2)



BARRELS PER HOUR	FLOW FT.³/MIN.	PRESSURE IN. OF H ₂ O
2096	196	83.1
4192	392	83.1
6288	588	80.3
8384	784	80.3
10480	980	80.0
12576	1176	77.6
14672	1372	77.6
16768	1568	77.6
18864	1764	76.2
20960	1960	74.8
23056	2156	74.8
25152	2352	73.4
27248	2548	73.4
29344	2744	73.4
31440	2940	73.4

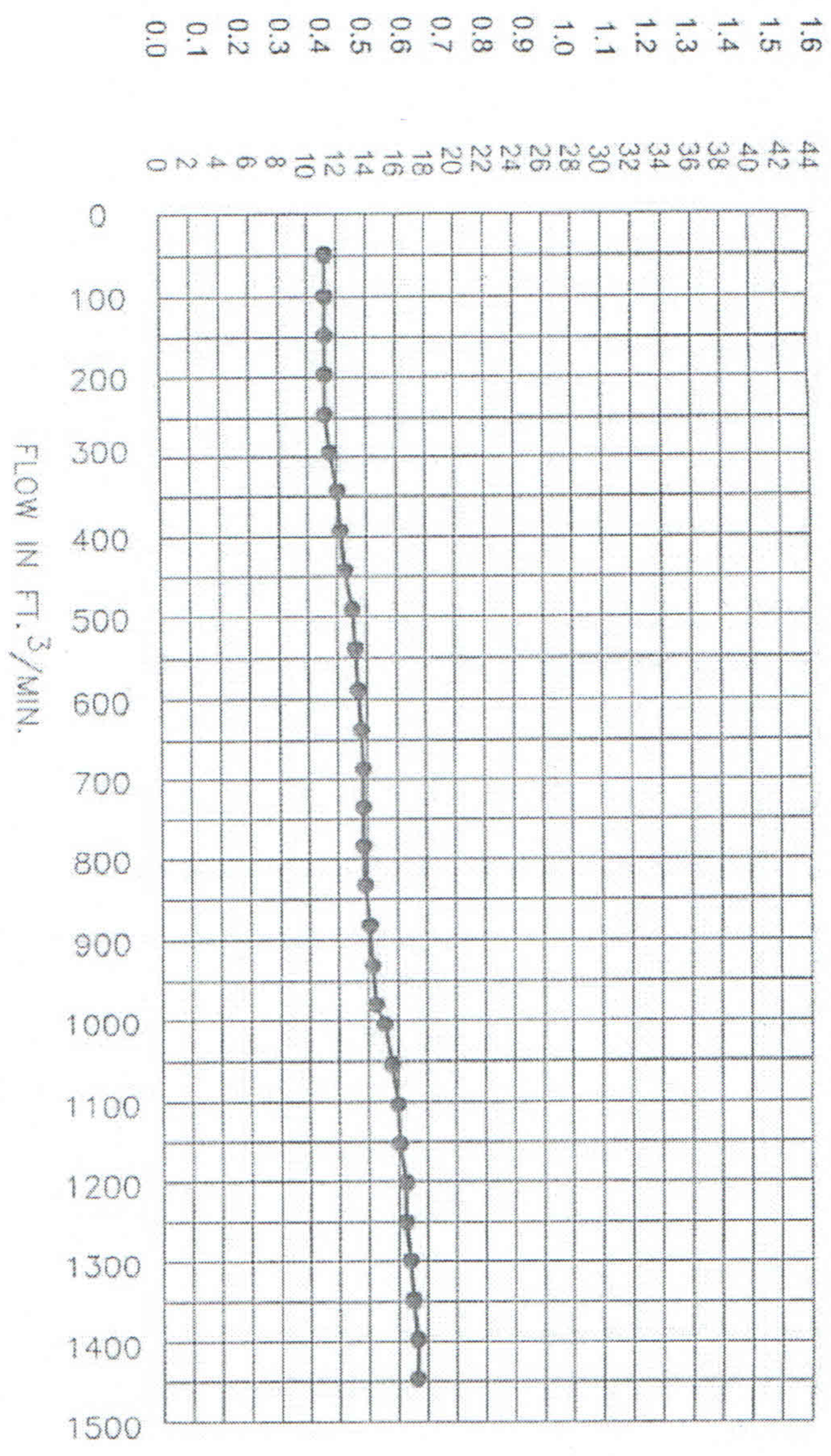
Curve for Pressure Side
6" PV Valve - 3.0 PSI
 data based on air flow
 3 compressors - 6" pipe



ELECTROMECHANICAL RESEARCH LABORATORIES, INC.
 P.O. BOX 1026, NEW ALBANY, IN 47151

DATE	9/15/05	DRAWN		PART NAME	Flow Curve, 3.0 PSI, Pressure
TOLERANCE:	0.0 = +/- 0.030	APPROVED	TM	UNIT NAME	Marine 6" PV (MD II)
	0.00 = +/- 0.015	SCALE		DWG. NO.	257Q127B
	0.000 = +/- 0.005	JOB NO.		ITEM NO.	

P.S.I.
PRESSURE
IN INCHES
OF WATER



Curve for Vacuum Side of SUPERAC 6" High Velocity PV Valve - 0.5 PSI
data based on airflow

BARRELS PER HOUR	FLOW FT. ³ /MIN.	PRESSURE IN. OF H ₂ O
524	49	11.2
1048	98	11.2
1571	147	11.2
2095	196	11.2
2619	245	11.2
3143	294	11.5
3667	343	12.0
4190	392	12.2
4714	441	12.5
5238	490	13.0
5762	539	13.2
6286	588	13.4
6810	637	13.6
7333	686	13.7
7857	735	13.7
8381	784	13.7
8905	833	13.8
9429	882	14.1
9953	931	14.3
10477	980	14.5
10742	1004	15.1
11266	1053	15.6
11790	1102	16.0
12314	1151	16.1
12838	1200	16.5
13362	1249	16.5
13886	1298	16.8
14410	1347	17.0
14934	1396	17.3
15458	1445	17.3



ELECTROMECHANICAL
RESEARCH LABORATORIES, INC.
P.O. 1026 NEW ALBANY, IN 47150

DATE	5/4/95	DRAWN	D. URBAN	PART NAME	0.5 Flow Curve, Vacuum
TOLERANCES	.0 = +/- .030 .00 = +/- .015 .000 = +/- .005	APPROVED		UNIT NAME	Marine 6" PV Valve
SCALE		JOB NO.		DRAWING NO.	124G145B
				ITEM NO.	