DISPLACEMENT PER STROKE

IN US GALLONS FOR VARIOUS DIAMETER PLUNGERS

	Stroke length in inches										
Plunger diam in inches	1	1 ½	2	2 ½	3	3 ½	4	5	6	7	8
.8125	.00224	.00336	.00448	.00560	.00672	.00785	.00896	.01120	.01345	.01570	.01792
.875	.00261	.00392	.00522	.00652	.00783	.00914	.01044	.01305	.01565	.01830	.02090
.9375	.00299	.00448	.00598	.00748	.00897	.01046	.01196	.01495	.01795	.02093	.02329
1.000	.00340	.00510	.00680	.00850	.01020	.01190	.01360	.0170	.0204	.0238	.0272
1.0625	.00383	.00574	.00770	.00959	.01151	.01343	.01535	.01915	.02298	.02681	.03064
1.125	.0043	.00645	.0086	.01076	.0129	.01506	.01721	.0215	.0258	.0301	.0344
1.1875	.00479	.00718	.00957	.01196	.01435	.01674	.01916	.02395	.02874	.03353	.03832
1.250	.00532	.00797	.0106	.0133	.0159	.0186	.0213	.0266	.0319	.0372	.0425
1.3125	.00586	.00879	.01172	.01465	.01758	.02051	.02344	.02930	.03516	.04102	.04688
1.375	.00643	.00965	.0129	.0161	.0193	.0225	.0257	.0322	.0386	.0451	.0514
1.4375	.00703	.01054	.01405	.01756	.02108	.02459	.02810	.03513	.04216	.04920	.05621
1.500	.00765	.01148	.0153	.0191	.02295	.0268	.0306	.0383	.0458	.0536	.0612
1.5625	.00830	.01245	.01660	.02075	.0249	.0268	.0306	.0383	.0458	.0536	.0612
1.625	.00898	.01348	.01798	.0225	.0270	.0314	.0360	.0450	.0538	.0628	.0718
1.6875	.00968	.01452	.01936	.02420	.02904	.03389	.03873	.04841	.05809	.06777	.07745
1.750	.01041	.01561	.02082	.02610	.0312	.0364	.0417	.0521	.0624	.0728	.0832
1.8125	.01117	.01675	.02234	.02792	.03351	.03909	.04468	.05585	.06702	.07819	.08936
1.875	.01196	.01794	.0239	.0299	.0359	.0418	.0478	.0598	.0718	.0837	.0957
1.9375	.01276	.01914	.02552	.03190	.03828	.04466	.05104	.06380	.07656	.08932	.10208
2.000	.01360	.0241	.0272	.0340	.0408	.0477	.0544	.0680	.0817	.0953	.1088
2.0625	.01446	.02169	.02892	.03615	.04338	.05061	.05784	.07230	.08676	.10122	.11568
2.125	.01536	.0230	.0307	.0384	.0461	.0537	.0614	.0768	.0922	.1075	.1228
2.1875	.01627	.02440	.03254	.04067	.04881	.05694	.06508	.08135	.09672	.11389	.13016
2.250	.01720	.0258	.0344	.0430	.0516	.0602	.0688	.0860	.1033	.1205	.1376
2.3125	.01818	.02727	.03646	.04545	.05454	.06363	.07272	.09090	.10908	.12726	.14528
2.375	.01917	.0287	.0383	.0478	.0575	.0671	.0767	.0958	.1148	.1340	.1532
2.500	.02125	.0319	.0425	.0532	.0637	.0744	.0850	.1063	.1274	.1488	.1700
2.625	.02347	.0352	.0469	.0587	.0704	.0822	.0939	.1173	.1409	.1643	.1878
2.750	.02573	.0386	.0514	.0643	.0772	.0900	.1029	.1287	.1544	.1802	.2058
2.875	.02810	.0421	.0562	.0702	.0843	.0983	.1124	.1405	.1686	.1967	.2248
3.000	.03060	.0459	.0612	.0765	.0918	.1071	.1224	.1530	.1836	.2142	.2448
3.125	.03320	.0498	.0664	.0830	.0996	.1162	.1328	.1660	.1992	.2324	.2656
3.250	.03590	.0538	.0718	.0897	.1077	.1256	.1436	.1795	.2154	.2513	.2872
3.375	.03872	.0581	.0714	.0968	.1162	.1355	.1549	.1936	.2323	.2710	.3097
3.500	.04165	.0624	.0833	.1042	.1249	.1458	.1666	.2083	.2499	.2916	.3332
3.625	.04470	.0670	.0894	.1117	.1341	.1565	.1788	.2235	.2682	.3129	.3576
3.750	.04780	.0717	.0956	.1195	.1434	.1673	.1912	.2390	.2868	.3346	.3824
3.875	.05110	.0766	.1022	.1277	.1533	.1788	.2044	.2555	.3066	.3577	.4088
4.000	.0542	.0813	.1084	.1360	.1626	.1897	.2168	.2710	.3252	.3794	.4336
4.125	.0578	.0867	.1156	.1445	.1734	.2023	.2312	.2890	.3468	.4046	.4624
4.375	.06508	.0976	.1302	.1627	.1952	.2278	.2603	.3254	.3905	.4456	.5207