

CAPILLARY FLOW ANALYSIS

8/4/2003

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ABC Company
DUWU

Operator: JP
Lot Number: LOT XXX
Hardware Serial Number:
Type of test: Dry Up/Wet Up
Wet Parameter: C:\WINDOWS\DESKTOP\XXX\USERS\DEFAULT.TPF
Dry Parameter: C:\WINDOWS\DESKTOP\XXX\USERS\DEFAULT.TPF
Lohm Table: lohmtable.cal
Tortuosity Factor: 0.715

FLUID = GALWICK
SURFACE TENSION = 16 DYNES/CM

File = LOTXXX_DUWU_SAMPLE_ABC_001.CFT

SAMPLE ID = Sample ABC

MEAN FLOW PORE PRESSURE = 8.654 PSI
MEAN FLOW PORE DIAMETER = 0.7673 MICRONS
BUBBLE POINT PRESSURE = 2.146 PSI
BUBBLE POINT PORE DIAMETER = 3.0946 MICRONS

Filter flow% = 100 * WET FLOW / DRY FLOW

INCR FF% = Filter flow%(current) - Filter flow%(previous)

PORE DISTRIBUTION = INCR FF% / (DIAMETER(previous)-DIAMETER(current))

DIFFERENTIAL

DIFFERENTIAL PRESSURE PSI	DIAMETER MICRONS	WET FLOW L/MIN	DRY FLOW L/MIN	INCR FF%	FILTER FLOW%	PORE DIST	AVERAGE DIAMETER
2.1457	3.0946	0.01387	1.343	1.033	1.033		
2.8474	2.3319	0.15914	1.808	7.771	8.804	10.1884	2.7133
3.5492	1.8708	0.31122	2.288	4.797	13.601	10.4039	2.1014
4.2511	1.562	0.49336	2.784	4.123	17.724	13.3478	1.7164
5.0287	1.3204	0.753	3.347	4.775	22.499	19.7691	1.4412
5.8068	1.1435	1.08723	3.914	5.279	27.778	29.8392	1.232
6.5417	1.015	1.48234	4.45	5.532	33.309	43.0601	1.0793
7.2761	0.9126	1.95402	4.987	5.871	39.181	57.3058	0.9638
8.1647	0.8133	2.60721	5.643	7.023	46.204	70.7176	0.8629
9.0529	0.7335	3.33134	6.315	6.549	52.753	82.0699	0.7734
10.0226	0.6625	4.18399	7.076	6.372	59.125	89.7973	0.698
10.9914	0.6041	5.07027	7.855	5.421	64.547	92.8357	0.6333
11.9606	0.5552	5.96507	8.639	4.505	69.052	92.0315	0.5796
12.9298	0.5135	6.85987	9.422	3.752	72.803	90.1559	0.5343
13.899	0.4777	7.75467	10.213	3.124	75.928	87.2414	0.4956
14.8682	0.4466	8.65432	11.026	2.56	78.487	82.2051	0.4622

15.8371	0.4193	9.5736	11.872	2.154	80.641	78.8306	0.4329
16.7757	0.3958	10.49346	12.709	1.926	82.567	82.0823	0.4075
17.7142	0.3748	11.4328	13.55	1.808	84.375	86.2227	0.3853
18.6526	0.356	12.37707	14.393	1.621	85.996	85.9753	0.3654
19.5907	0.3389	13.32499	15.246	1.404	87.4	82.3675	0.3475
20.529	0.3234	14.29005	16.125	1.218	88.618	78.6072	0.3312
21.3479	0.311	15.15542	16.924	0.931	89.549	75.0613	0.3172
22.1667	0.2995	16.03687	17.749	0.806	90.355	70.14	0.3053
22.9855	0.2889	16.92665	18.593	0.682	91.037	63.892	0.2942
23.804	0.2789	17.83086	19.445	0.664	91.701	66.8669	0.2839
24.781	0.2679	18.93733	20.464	0.839	92.54	76.291	0.2734
25.7579	0.2578	20.06825	21.487	0.858	93.398	84.4417	0.2629
26.7395	0.2483	21.22136	22.52	0.834	94.232	88.1178	0.2531
27.7211	0.2395	22.38391	23.565	0.758	94.99	86.1841	0.2439
28.5012	0.233	23.31032	24.4	0.546	95.536	83.2599	0.2363
29.281	0.2268	24.23708	25.237	0.504	96.039	81.1541	0.2299
30.0609	0.2209	25.164	26.074	0.47	96.509	79.9112	0.2238

SUMMARY SHEET

8/4/2003

SAMPLE ID = Sample ABC
 LOT NUMBER = LOT XXX

TORTUOSITY = 0.715

Operator: JP

Lot Number: LOT XXX

Hardware Serial Number:

Type of test: Dry Up/Wet Up

Wet Parameter: C:\WINDOWS\DESKTOP\XXX\USERS\DEFAULT.TPF

Dry Parameter: C:\WINDOWS\DESKTOP\XXX\USERS\DEFAULT.TPF

Lohm Table: lohmtable.cal

Tortuosity Factor: 0.715

FLUID = GALWICK

SURFACE TENSION = 16 DYNES/CM

File = LOTXXX_DUWU_SAMPLE_ABC_001.CFT

98% CFF NOT REACHED!

MEAN FLOW PORE DIAMETER = 0.7673 MICRONS

PRESSURE AT LARGEST PORE = 2.146 PSI

STANDARD DEVIATION OF AVG. PORE DIAMETER = 0.6599

BUBBLE POINT PRESSURE = 2.146 PSI

MAXIMUM PORE SIZE DISTRIBUTION = 92.8357

DIAMETER AT MAXIMUM PORE SIZE DISTRIBUTION = 0.6041 MICRONS