

LAMPIRAN

Lampiran 1. Hasil Analisa dan Perhitungan Kadar Air *Pork Nugget*

1.1 Hasil Analisa

Bagian daging	[tep.terigu]	Ulangan I	Ulangan II	Ulangan III	Rata-rata
Bahu	10% (B1)	65.31	65.15	65.17	65.21
	15% (B2)	64.99	63.61	59.93	62.84
	20% (B3)	63.34	61.58	61.54	62.15
	25% (B4)	59.21	58.73	58.01	58.65
Lulur	10% (L1)	64.58	66.07	65.26	65.31
	15% (L2)	64.24	62.95	63.27	63.49
	20% (L3)	58.78	59.94	62.92	60.55
	25% (L4)	57.45	59.22	58.61	58.43
Paha	10% (P1)	65.11	65.98	63.36	64.81
	15% (P2)	63.04	64.19	58.9	62.04
	20% (P3)	60.79	61.61	58.25	60.22
	25% (P4)	59.59	55.92	56.56	57.36

1.2 Anava ($\alpha=5\%$)

Sumber variasi	db	JK	KT	Fhitung	Ftabel
Rata-rata	1	137286,31			
Bagian daging	2	7,96	3,98	1,54	3,40
Tep.terigu	9	238,54	26,50	10,23*	2,30
Galat	24	62,13	2,59		
Jumlah	36	137594,94			

Kesimpulan:

- a. Bagian daging babi tidak memberikan beda nyata
- b. Konsentrasi tepung terigu memberikan beda nyata

1.3 Uji LSD ($\alpha=5\%$)

$$LSD = t_{(0,05;24)} \times \sqrt{2 \times 2,59 / 3} = 2,064 \times 1,31 = 2,70$$

Bagian daging	[Tepung terigu]	Perlakuan	Rata-rata kadar air (%)*	Notasi**
Bahu	10%	B1	65,21	c
	15%	B2	62,84	bc
	20%	B3	62,15	b
	25%	B4	58,65	a
Lulur	10%	L1	65,31	q
	15%	L2	63,49	q
	20%	L3	60,55	p
	25%	L4	58,43	p
Paha	10%	P1	64,81	z
	15%	P2	62,04	y
	20%	P3	60,22	y
	25%	P4	57,36	x

Keterangan: *) 3 kali ulangan
**) huruf yang sama pada setiap kotak tidak berbeda nyata ($\alpha=5\%$)

Lampiran 2. Hasil Analisa dan Perhitungan Kadar Lemak *Pork Nugget*

2.1 Hasil Analisa

Bagian daging	[tep.terigu]	Ulangan I	Ulangan II	Ulangan III	Rata-rata
Bahu	10% (B1)	12.87	12.21	15.06	13.38
	15% (B2)	9.65	11.17	14.42	11.75
	20% (B3)	7.85	10.45	13.44	10.58
	25% (B4)	7.51	9.92	11.95	9.79
Lulur	10% (L1)	10.11	8.06	12.02	10.06
	15% (L2)	8.86	7.29	11.08	9.08
	20% (L3)	7.33	6.98	8.92	7.74
	25% (L4)	6.61	5.23	5.29	5.71
Paha	10% (P1)	11.54	8.53	12.42	10.83
	15% (P2)	10.03	7.69	11.56	9.76
	20% (P3)	8.52	7.65	9.64	8.61
	25% (P4)	7.36	5.87	8.07	7.11

2.2 Anava ($\alpha=5\%$)

Sumber variasi	db	JK	KT	Fhitung	Ftabel
Rata-rata	1	3271,08			
Bagian daging	2	66,26	33,13	9,86*	3,40
Tep.terigu	9	76,81	8,53	2,54*	2,30
Galat	24	80,73	3,36		
Jumlah	36	3494,88			

Kesimpulan:

- a. Bagian daging babi memberikan beda nyata
- b. Konsentrasi tepung terigu memberikan beda nyata

2.3 Uji LSD ($\alpha=5\%$)

$$\text{LSD} = t_{(0,05;24)} \times \sqrt{2 \times 3,36 / 3} = 2,064 \times 1,50 = 3,10$$

Bagian daging	[Tepung terigu]	Perlakuan	Rata-rata kadar lemak (%)*	Notasi**
Bahu	10%	B1	13,38	b
	15%	B2	11,75	ab
	20%	B3	10,58	ab
	25%	B4	9,79	a
Lulur	10%	L1	10,06	q
	15%	L2	9,08	q
	20%	L3	7,74	pq
	25%	L4	5,71	p
Paha	10%	P1	10,83	y
	15%	P2	9,76	xy
	20%	P3	8,61	xy
	25%	P4	7,11	x

Keterangan: *) 3 kali ulangan

**) huruf yang sama pada setiap kotak tidak berbeda nyata ($\alpha=5\%$)

Lampiran 3. Hasil Analisa dan Perhitungan Kadar Protein *Pork Nugget*

3.1 Hasil Analisa

Bagian daging	[tep.terigu]	Ulangan I	Ulangan II	Ulangan III	Rata-rata
Bahu	10% (B1)	48.09	48.23	52.31	49.54
	15% (B2)	42.52	44.11	47.28	44.64
	20% (B3)	41.41	43.02	45.55	39.99
	25% (B4)	36.96	37.18	32.12	32.09
Lulur	10% (L1)	51.15	44.25	52.52	49.31
	15% (L2)	44.68	39.82	36.13	40.21
	20% (L3)	39.78	38.22	42.87	40.29
	25% (L4)	37.39	37.28	39.07	37.91
Paha	10% (P1)	49.31	54.21	51.55	51.69
	15% (P2)	43.81	45.39	39.85	43.01
	20% (P3)	40.38	34.25	35.36	36.67
	25% (P4)	31.91	28.76	32.99	31.22

3.2 Anava ($\alpha=5\%$)

Sumber variasi	db	JK	KT	Fhitung	Ftabel
Rata-rata	1	63306.75			
Bagian daging	2	40.07	20.04	2,44	3.40
Tep.terigu	9	1233.82	137.09	16,72*	2.30
Galat	24	196,78	8,20		
Jumlah	36	64777.42			

Kesimpulan:

- a. Bagian daging babi tidak memberikan beda nyata
- b. Konsentrasi tepung terigu memberikan beda nyata

3.3 Uji LSD ($\alpha=5\%$)

$$LSD = t_{(0,05;24)} \times \sqrt{2 \times 8,20 / 3} = 2,064 \times 2,34 = 4,83$$

Bagian daging	[Tepung terigu]	Perlakuan	Rata-rata kadar protein (%)*	Notasi**
Bahu	10%	B1	49,54	c
	15%	B2	44,64	b
	20%	B3	39,99	b
	25%	B4	32,09	a
Lulur	10%	L1	49,31	q
	15%	L2	40,21	p
	20%	L3	40,29	p
	25%	L4	37,91	p
Paha	10%	P1	51,69	y
	15%	P2	43,01	x
	20%	P3	36,67	w
	25%	P4	31,22	v

Keterangan: *) 3 kali ulangan
**) huruf yang sama pada setiap kotak, tidak berbeda nyata ($\alpha=5\%$)

Lampiran 4. Hasil Analisa dan Perhitungan TPA *Hardness Pork Nugget*

4.1 Hasil Analisa

Bagian daging	[tep.terigu]	Ulangan I	Ulangan II	Ulangan III	Rata-rata
Bahu	10% (B1)	48.56	49.74	45.98	48.09
	15% (B2)	55.78	53.45	57.73	55.65
	20% (B3)	53.41	59.56	57.01	56.66
	25% (B4)	65.59	69.56	66.54	67.23
Lulur	10% (L1)	41.53	46.54	48.61	45.56
	15% (L2)	53.41	56.84	50.26	53.51
	20% (L3)	53.06	56.84	51.51	53.81
	25% (L4)	75.53	71.88	70.44	72.62
Paha	10% (P1)	83.92	81.35	80.96	82.08
	15% (P2)	96.77	94.71	97.61	96.36
	20% (P3)	95.91	101.61	99.11	98.87
	25% (P4)	105.31	101.18	108.99	105.16

4.2 Anava ($\alpha=5\%$)

Sumber variasi	db	JK	KT	Fhitung	Ftabel
Rata-rata	1	174485,82			
Bagian daging	2	12132,33	6066,17	549,97*	3,40
Tep.terigu	9	2598,16	288,68	26,17*	2,30
Galat	24	264,61	11,03		
Jumlah	36	189480,92			

Kesimpulan:

- Bagian daging babi memberikan beda nyata
- Konsentrasi tepung terigu memberikan beda nyata

4.3 Uji LSD ($\alpha=5\%$)

$$LSD = t_{(0,05,24)} \times \sqrt{2} \times 11,03 / 3 = 2,064 \times 2,71 = 5,60$$

Bagian daging	[Tepung terigu]	Perlakuan	Rata-rata Hardness (N)*	Notasi**
Bahu	10%	B1	48,09	a
	15%	B2	55,65	b
	20%	B3	56,66	b
	25%	B4	67,23	c
Lulur	10%	L1	45,56	p
	15%	L2	53,51	q
	20%	L3	53,81	q
	25%	L4	72,62	r
Paha	10%	P1	82,08	x
	15%	P2	96,36	y
	20%	P3	98,87	y
	25%	P4	105,16	z

Keterangan: *) 3 kali ulangan

**) huruf yang sama pada setiap kotak tidak berbeda nyata ($\alpha=5\%$)

Lampiran 5. Hasil Analisa dan Perhitungan TPA *Cohesiveness Pork Nugget*

5.1 Hasil Analisa

Bagian daging	[tep.terigu]	Ulangan I	Ulangan II	Ulangan III	Rata-rata
Bahu	10% (B1)	0.45	0.39	0.35	0.41
	15% (B2)	0.51	0.48	0.35	0.45
	20% (B3)	0.51	0.29	0.41	0.41
	25% (B4)	0.58	0.41	0.38	0.46
Lulur	10% (L1)	0.42	0.48	0.51	0.47
	15% (L2)	0.45	0.48	0.51	0.48
	20% (L3)	0.65	0.44	0.33	0.47
	25% (L4)	0.46	0.49	0.31	0.42
Paha	10% (P1)	0.62	0.49	0.35	0.49
	15% (P2)	0.63	0.41	0.58	0.54
	20% (P3)	0.45	0.41	0.27	0.38
	25% (P4)	0.44	0.41	0.41	0.42

5.2 Anava ($\alpha=5\%$)

Sumber variasi	db	JK	KT	Fhitung	Ftabel
Rata-rata	1	7,16			
Bagian daging	2	0,01	0,005	0,54	3,40
Tep.terigu	9	0,07	0,0078	0,85	2,30
Galat	24	0,22	0,0092		
Jumlah	36	7,46			

Kesimpulan:

- Bagian daging babi tidak memberikan beda nyata
- Konsentrasi tepung terigu tidak memberikan beda nyata

Lampiran 6. Hasil Analisa dan Perhitungan WHC *Pork Nugget*

6.1 Hasil Analisa

Bagian daging	[tep.terigu]	Ulangan I	Ulangan II	Ulangan III	Rata-rata
Bahu	10% (B1)	4.33	5.31	4.31	4.65
	15% (B2)	4.59	4.47	4.21	4.42
	20% (B3)	4.14	4.49	3.74	4.12
	25% (B4)	4.15	3.73	3.52	3.81
Lulur	10% (L1)	5.07	4.31	4.33	4.57
	15% (L2)	4.58	3.74	4.66	4.33
	20% (L3)	4.73	3.86	4.17	4.25
	25% (L4)	4.41	3.91	3.83	4.05
Paha	10% (P1)	5.02	4.44	3.91	4.46
	15% (P2)	3.61	4.17	3.55	3.77
	20% (P3)	3.72	3.69	3.62	3.68
	25% (P4)	3.45	3.21	3.95	3.53

6.2 Anava ($\alpha=5\%$)

Sumber variasi	db	JK	KT	Fhitung	Ftabel
Rata-rata	1	615,78			
Bagian daging	2	1,39	0,70	4,38*	3,40
Tep.terigu	9	3,15	0,35	2,19	2,30
Galat	24	3,86	0,16		
Jumlah	36	624,18			

Kesimpulan:

- a. Bagian daging babi memberikan beda nyata
- b. Konsentrasi tepung terigu tidak memberikan beda nyata

Lampiran 7. Hasil Perhitungan Analisa Organoleptik Rasa *Pork Nugget*

7.1 Anava ($\alpha=5\%$)

a. *Pork Nugget* dengan menggunakan bagian daging bahu

Sumber variasi	JK	db	KT	F hitung	P-value	F tabel
Perlakuan	1.1082	3	0.3694	0.2370	0.8705	2.6489
Galat	317.9663	204	1.5587			
Total	319.0746	207				

Kesimpulan:

Konsentrasi tepung terigu tidak memberikan beda nyata

b. *Pork Nugget* dengan menggunakan bagian daging lulur

Sumber variasi	JK	db	KT	F hitung	P-value	F tabel
Perlakuan	8.7590	3	2.9197	1.9616	0.1207	2.6464
Galat	321.4935	216	1.4884			
Total	330.2525	219				

Kesimpulan:

Konsentrasi tepung terigu tidak memberikan beda nyata

c. *Pork Nugget* dengan menggunakan bagian daging paha

Sumber variasi	JK	db	KT	F hitung	P-value	F tabel
Perlakuan	24.3010	3	8.1003	5.5607*	0.0011	2.6516
Galat	279.6890	192	1.4567			
Total	303.9899	195				

Kesimpulan:

Konsentrasi tepung terigu memberikan beda nyata

7.2 Uji LSD ($\alpha=5\%$)

$$LSD = t_{(0,05;192)} \times \sqrt{2 \times 1,4567 / 49} = 1,960 \times 0,24 = 0,47$$

Bagian daging	[Tepung terigu]	Perlakuan	Rata-rata uji organoleptik rasa	Notasi*
Bahu	10%	B1	4,75	a
	15%	B2	4,95	a
	20%	B3	4,81	a
	25%	B4	4,85	a
Lulur	10%	L1	4,85	p
	15%	L2	4,80	p
	20%	L3	4,34	p
	25%	L4	4,72	P
Paha	10%	P1	5,01	y
	15%	P2	4,45	x
	20%	P3	4,18	x
	25%	P4	4,96	y

Keterangan: *)huruf yang sama pada setiap kotak tidak berbeda nyata ($\alpha=5\%$)

Bagian daging	Bahu				
[tep.terigu]	10% (B1)	15% (B2)	20% (B3)	25% (B4)	
Panelis					Rata-rata
1	5.80	4.80	4.00	6.80	5.35
2	6.80	6.20	5.20	3.70	5.48
3	5.00	6.00	5.50	5.00	5.38
4	4.00	3.00	4.00	4.00	3.75
5	4.00	6.00	5.70	6.30	5.50
6	5.90	4.80	5.60	3.70	5.00
7	4.00	4.00	5.00	5.00	4.50
8	5.00	6.00	5.50	5.50	5.50
9	5.20	6.50	3.00	6.30	5.25
10	1.90	7.00	4.00	6.00	4.73
11	6.50	5.00	7.00	4.00	5.63
12	4.50	5.00	4.70	4.70	4.73
13	4.00	6.70	6.00	6.50	5.80
14	4.00	7.00	2.00	6.00	4.75
15	4.00	4.50	5.00	4.20	4.43
16	4.10	4.20	5.20	5.30	4.70
17	5.80	3.10	4.00	6.10	4.75
18	5.50	5.00	4.00	4.00	4.63
19	4.80	4.80	5.70	5.30	5.15
20	3.80	5.20	3.40	5.80	4.55
21	6.00	4.50	4.50	5.00	5.00
22	5.30	4.70	6.30	3.10	4.85
23	6.50	3.00	4.50	2.00	4.00
24	4.70	4.90	4.70	4.70	4.75
25	5.00	4.00	6.00	6.00	5.25
26	4.70	4.90	4.60	4.70	4.73
27	4.00	3.00	7.00	7.00	5.25
28	3.00	4.00	5.00	6.00	4.50
29	4.60	4.90	4.60	4.70	4.70
30	3.00	5.00	7.00	5.00	5.00
31	5.00	6.00	6.00	2.00	4.75
32	4.70	4.80	4.60	4.70	4.70
33	4.00	5.00	7.00	5.00	5.25
34	4.00	3.00	2.00	6.00	3.75
35	5.00	6.00	6.00	6.00	5.75
36	4.90	5.90	3.90	4.90	4.90
37	2.00	6.00	4.00	5.00	4.25
38	6.00	4.00	3.00	5.00	4.50
39	7.00	5.00	4.00	5.00	5.25
40	7.00	3.00	6.00	3.00	4.75
41	2.00	6.50	4.00	6.00	4.63
42	3.90	4.80	2.80	5.70	4.30
43	3.20	3.40	4.20	5.20	4.00
44	3.70	5.30	6.30	4.20	4.88
45	6.00	5.00	5.50	6.50	5.75
46	1.90	6.70	3.20	4.90	4.18
47	6.20	6.70	5.30	2.80	5.25
48	6.50	6.00	5.00	3.50	5.25
49	6.00	4.00	2.00	1.50	3.38
50	6.00	5.50	6.00	5.00	5.63
51	5.50	4.00	4.50	4.00	4.50
52	5.00	3.00	6.00	4.00	4.50
Rata-rata	4.75	4.95	4.81	4.85	4.84

Bagian daging	Lulur				
[tep.terigu]	10% (L1)	15% (L2)	20% (L3)	25% (L4)	
Panelis					Rata-rata
1	4.00	3.00	6.00	5.50	4.63
2	5.70	6.00	4.50	5.00	5.30
3	3.00	5.00	4.00	6.00	4.50
4	5.80	4.40	2.60	4.90	4.43
5	3.00	6.00	4.00	3.00	4.00
6	6.00	3.20	4.00	5.00	4.55
7	3.00	5.00	4.00	6.00	4.50
8	4.00	4.20	4.40	5.00	4.40
9	2.00	5.00	2.00	5.00	3.50
10	6.00	5.50	6.00	6.00	5.88
11	6.00	6.00	5.00	6.00	5.75
12	6.00	5.00	6.00	2.00	4.75
13	6.50	5.50	6.00	5.00	5.75
14	5.50	5.00	6.00	3.50	5.00
15	7.00	5.00	2.00	3.00	4.25
16	5.00	7.00	3.00	2.00	4.25
17	4.50	6.50	5.20	7.00	5.80
18	4.50	5.50	2.50	5.00	4.38
19	7.00	4.00	6.00	3.00	5.00
20	4.40	4.70	3.40	3.80	4.08
21	6.00	5.00	3.00	7.00	5.25
22	5.90	6.10	5.10	4.90	5.50
23	6.00	2.50	7.00	5.00	5.13
24	4.50	6.00	5.10	6.50	5.53
25	5.00	4.00	3.00	2.00	3.50
26	2.90	4.70	4.50	5.30	4.48
27	4.80	4.90	4.30	4.20	4.55
28	4.50	5.00	3.50	4.00	4.25
29	4.20	5.40	5.20	5.50	5.08
30	5.00	6.50	4.50	6.00	5.50
31	4.80	4.60	4.20	4.60	4.55
32	5.50	5.40	4.70	3.50	4.78
33	2.80	4.10	5.70	6.40	4.75
34	5.50	6.50	4.50	1.50	4.50
35	6.00	5.50	5.00	4.00	5.13
36	4.90	4.10	4.40	2.40	3.95
37	6.20	4.00	3.70	3.40	4.33
38	4.00	4.00	4.00	3.00	3.75
39	4.00	3.00	6.00	5.80	4.70
40	4.90	4.40	5.10	4.10	4.63
41	3.00	6.00	5.00	6.00	5.00
42	6.00	4.90	3.10	3.50	4.38
43	3.10	3.30	3.90	5.10	3.85
44	6.00	5.50	3.00	6.00	5.13
45	4.00	5.00	4.00	6.00	4.75
46	5.10	3.80	1.50	5.50	3.98
47	3.00	4.00	4.00	6.00	4.25
48	4.00	3.00	4.00	6.00	4.25
49	6.50	3.50	1.50	5.50	4.25
50	4.30	5.00	5.30	5.50	5.03
51	6.00	5.00	6.00	4.00	5.25
52	5.50	5.50	5.00	6.00	5.50
53	5.50	5.00	4.60	4.50	4.90
54	3.00	3.00	4.00	5.00	3.75
55	5.20	4.10	4.60	3.70	4.40
Rata-rata	4.85	4.80	4.34	4.72	4.68

Bagian daging		Paha			
[tep.terigu]	10% (P1)	15% (P2)	20% (P3)	25% (P4)	
Panelis					Rata-rata
1	4.50	5.00	5.50	4.00	4.75
2	4.80	4.00	5.00	5.10	4.73
3	4.00	4.50	5.00	7.00	5.13
4	5.90	5.30	4.80	2.70	4.68
5	3.00	5.10	2.00	6.00	4.03
6	4.80	6.00	4.00	7.00	5.45
7	3.30	4.50	6.00	4.90	4.68
8	5.00	6.00	6.00	5.50	5.63
9	5.00	2.00	2.00	6.00	3.75
10	6.00	6.00	4.00	6.00	5.50
11	4.00	3.50	5.00	6.00	4.63
12	4.50	3.00	2.50	6.50	4.13
13	4.70	4.20	3.80	4.50	4.30
14	3.80	2.70	3.10	4.30	3.48
15	6.00	4.00	3.00	5.00	4.50
16	6.60	4.00	4.10	7.00	5.43
17	5.00	2.50	2.00	7.00	4.13
18	2.70	3.10	5.20	6.20	4.30
19	6.00	5.00	5.50	4.80	5.33
20	6.10	4.20	5.90	5.50	5.43
21	6.10	4.70	5.90	5.10	5.45
22	6.00	5.50	4.50	4.00	5.00
23	5.60	5.60	5.50	5.50	5.55
24	4.40	4.20	3.70	4.80	4.28
25	5.90	5.70	2.30	3.90	4.45
26	7.00	6.50	4.50	5.00	5.75
27	5.50	6.00	1.50	3.50	4.13
28	4.10	5.40	6.20	3.90	4.90
29	6.30	5.50	6.00	4.00	5.45
30	6.50	5.50	3.00	3.00	4.50
31	4.30	3.80	2.90	3.70	3.68
32	6.20	4.70	3.10	5.90	4.98
33	4.90	4.40	4.00	4.90	4.55
34	5.00	4.00	2.00	6.10	4.28
35	3.00	4.00	5.00	5.00	4.25
36	4.00	3.00	2.00	7.00	4.00
37	6.00	5.00	4.00	5.50	5.13
38	6.00	5.00	2.00	4.00	4.25
39	5.00	5.00	4.00	4.00	4.50
40	4.00	5.00	5.50	6.00	5.13
41	6.50	1.50	3.50	2.50	3.50
42	5.00	5.00	5.00	4.00	4.75
43	4.00	5.50	5.00	3.20	4.43
44	3.00	4.50	5.00	3.00	3.88
45	4.60	4.80	5.20	5.70	5.08
46	5.40	4.30	5.20	4.80	4.93
47	4.00	3.00	3.00	5.00	3.75
48	6.80	3.20	6.20	4.00	5.05
49	4.90	3.00	4.50	5.10	4.38
Rata-rata	5.01	4.45	4.18	4.96	4.65

Lampiran 9. Hasil Perhitungan Analisa Organoleptik Tekstur *Pork Nugget*

9.1 Anava ($\alpha=5\%$)

a. *Pork Nugget* dengan menggunakan bagian daging bahu

Sumber variasi	JK	db	KT	F hitung	P-value	F tabel
Perlakuan	5.2330	3	1.7443	1.0283	0.3810	2.6480
Galat	352.8464	208	1.6964			
Total	358.0794	211				

Kesimpulan:

Konsentrasi tepung terigu tidak memberikan beda nyata

b. *Pork Nugget* dengan menggunakan bagian daging lulur

Sumber variasi	JK	db	KT	F hitung	P-value	F tabel
Perlakuan	26.7878	3	8.9293	6.2551*	0.0004	2.6464
Galat	308.3440	216	1.4275			
Total	335.1318	219				

Kesimpulan:

Konsentrasi tepung terigu memberikan beda nyata

c. *Pork Nugget* dengan menggunakan bagian daging paha

Sumber variasi	JK	db	KT	F hitung	P-value	F tabel
Perlakuan	6.9672	3	2.3224	1.3545	0.2580	2.6498
Galat	342.9282	200	1.7146			
Total	349.8954	203				

Kesimpulan:

Konsentrasi tepung terigu tidak memberikan beda nyata

9.2 Uji LSD ($\alpha=5\%$)

$$LSD = t_{(0,05;200)} \times \sqrt{2} \times 1,4275 / 55 = 1,960 \times 0,23 = 0,45$$

Bagian daging	[Tepung terigu]	Perlakuan	Rata-rata uji organoleptik tekstur	Notasi*
Bahu	10%	B1	4,44	a
	15%	B2	4,82	a
	20%	B3	4,74	a
	25%	B4	4,82	a
Lulur	10%	L1	4,84	q
	15%	L2	4,73	q
	20%	L3	3,95	p
	25%	L4	4,39	pq
Paha	10%	P1	4,73	x
	15%	P2	4,46	x
	20%	P3	4,34	x
	25%	P4	4,80	x

Keterangan: *) huruf yang sama pada setiap kotak tidak berbeda nyata ($\alpha=5\%$)

Bagian daging	Bahu				
[tep.terigu]	10% (B1)	15% (B2)	20% (B3)	25% (B4)	
Panelis					Rata-rata
1	5.20	6.80	3.80	5.80	5.40
2	4.00	5.00	5.00	4.00	4.50
3	4.00	3.00	5.00	4.00	4.00
4	3.50	5.50	6.50	7.00	5.63
5	5.00	4.00	4.00	2.00	3.75
6	3.00	4.50	5.50	6.30	4.83
7	3.80	4.80	6.20	5.70	5.13
8	5.00	5.00	6.00	6.00	5.50
9	5.00	6.00	5.50	5.50	5.50
10	5.00	6.00	7.00	3.00	5.25
11	6.00	5.50	2.40	5.50	4.85
12	1.00	5.00	5.00	7.00	4.50
13	2.20	4.20	4.30	3.30	3.50
14	5.00	5.00	6.00	6.00	5.50
15	4.00	4.00	5.00	3.50	4.13
16	6.00	5.50	4.00	6.50	5.50
17	5.00	3.00	6.00	5.00	4.75
18	4.50	4.00	5.00	4.00	4.38
19	6.40	5.30	6.30	3.40	5.35
20	6.20	1.60	2.80	5.20	3.95
21	6.00	4.00	6.00	6.00	5.50
22	4.80	5.20	5.20	5.80	5.25
23	4.20	5.80	5.70	4.80	5.13
24	6.00	3.50	4.00	4.50	4.50
25	3.80	3.20	5.70	4.30	4.25
26	4.50	4.70	4.70	4.60	4.63
27	6.00	4.00	6.00	6.00	5.50
28	5.00	5.00	2.00	4.00	4.00
29	3.00	6.00	4.00	4.00	4.25
30	3.00	4.00	4.00	5.00	4.00
31	2.00	4.00	6.00	6.00	4.50
32	6.00	7.00	5.00	3.00	5.25
33	5.00	6.00	6.00	3.00	5.00
34	6.00	6.00	5.00	5.00	5.50
35	4.00	5.00	7.00	5.00	5.25
36	2.00	5.00	3.00	6.00	4.00
37	2.00	6.00	4.00	3.00	3.75
38	3.90	5.90	4.90	4.90	4.90
39	4.00	6.00	5.50	2.00	4.38
40	4.00	5.00	2.00	6.00	4.25
41	3.00	6.00	3.50	6.00	4.63
42	2.80	5.70	5.20	4.30	4.50
43	2.80	4.80	3.20	3.80	3.65
44	5.00	5.00	4.00	6.00	5.00
45	5.80	5.20	4.10	6.20	5.33
46	5.50	6.10	5.00	5.30	5.48
47	2.80	1.80	4.20	5.70	3.63
48	5.70	6.80	4.30	3.20	5.00
49	5.50	5.50	4.50	5.00	5.13
50	6.00	5.80	6.20	5.50	5.88
51	6.00	4.00	4.00	3.00	4.25
52	3.00	2.00	5.00	6.00	4.00
Rata-rata	4.44	4.82	4.74	4.82	4.71

Bagian daging	Lulur				
[tep.terigu]	10% (L1)	15% (L2)	20% (L3)	25% (L4)	
Panelis					Rata-rata
1	5.50	3.70	4.70	4.60	4.63
2	5.00	5.90	3.00	5.70	4.90
3	5.00	4.00	5.50	3.50	4.50
4	5.30	4.80	2.40	4.30	4.20
5	7.00	5.00	4.00	6.00	5.50
6	6.00	2.00	3.00	4.00	3.75
7	2.00	5.00	3.00	6.00	4.00
8	3.80	3.20	5.50	6.00	4.63
9	3.00	6.00	2.00	5.00	4.00
10	4.00	5.00	5.00	4.00	4.50
11	4.00	5.00	3.00	4.50	4.13
12	3.00	7.00	4.00	3.00	4.25
13	7.00	5.00	4.00	6.00	5.50
14	6.70	5.00	3.50	6.00	5.30
15	5.00	4.50	3.80	4.50	4.45
16	7.00	5.00	2.00	3.00	4.25
17	5.00	7.00	3.00	2.00	4.25
18	4.00	5.50	5.30	1.50	4.08
19	4.50	5.50	4.00	3.00	4.25
20	6.00	4.00	5.00	3.00	4.50
21	3.70	5.40	4.20	2.30	3.90
22	6.00	4.00	3.00	4.00	4.25
23	5.10	5.60	5.90	3.10	4.93
24	5.00	6.50	3.00	6.00	5.13
25	4.50	6.00	5.50	3.00	4.75
26	3.10	4.70	3.30	5.30	4.10
27	5.90	6.10	5.30	5.10	5.60
28	5.00	5.00	6.00	5.50	5.38
29	6.10	3.40	3.80	5.20	4.63
30	4.70	4.50	4.00	4.20	4.35
31	5.10	5.10	2.80	2.80	3.95
32	4.70	5.80	4.50	6.20	5.30
33	5.90	6.00	3.10	2.50	4.38
34	4.50	5.50	4.00	6.00	5.00
35	5.10	3.20	4.10	2.30	3.68
36	4.90	2.40	3.20	4.20	3.68
37	4.50	5.50	3.00	6.70	4.93
38	4.00	4.00	4.00	3.00	3.75
39	2.90	3.00	5.00	4.50	3.85
40	4.90	2.90	5.10	4.10	4.25
41	5.00	6.00	5.00	5.00	5.25
42	5.20	4.00	2.60	4.60	4.10
43	3.60	5.80	5.10	2.90	4.35
44	6.00	5.50	3.00	6.00	5.13
45	4.00	4.00	3.00	6.00	4.25
46	6.00	4.80	1.20	4.50	4.13
47	3.00	4.00	4.00	6.00	4.25
48	3.00	4.00	4.00	5.00	4.00
49	6.50	5.50	2.50	4.50	4.75
50	3.50	3.20	5.30	6.30	4.58
51	4.00	4.00	5.00	2.00	3.75
52	5.50	4.50	4.50	4.00	4.63
53	4.80	5.20	4.30	4.50	4.70
54	6.00	2.00	5.00	5.00	4.50
55	5.60	5.20	4.00	3.50	4.58
Rata-rata	4.84	4.73	3.95	4.39	4.48

Hasil Uji Organoleptik TEKSTUR

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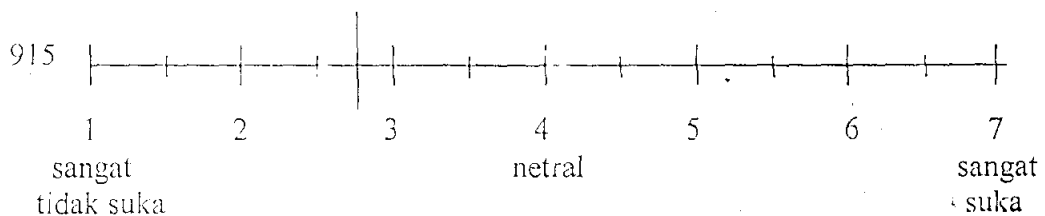
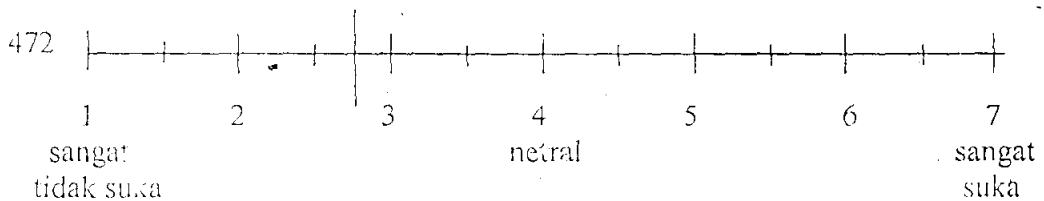
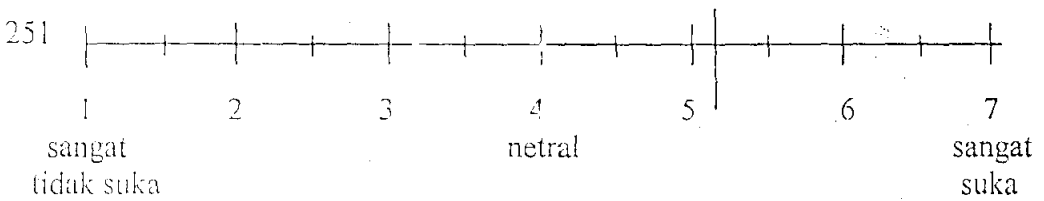
Bagian daging	Paha				
[tep.terigu]	10% (P1)	15% (P2)	20% (P3)	25% (P4)	
Panelis					Rata-rata
1	3.30	4.50	5.10	5.00	4.48
2	6.00	5.50	3.50	7.00	5.50
3	5.40	5.20	5.70	4.70	5.25
4	3.00	6.00	4.10	4.00	4.28
5	3.60	4.20	3.30	4.50	3.90
6	5.00	6.00	5.00	6.00	5.50
7	7.00	1.00	1.00	5.00	3.50
8	5.00	4.00	3.00	5.50	4.28
9	5.00	2.80	3.00	6.00	4.20
10	1.70	6.30	3.80	5.20	4.25
11	4.00	3.50	4.50	5.00	4.25
12	6.70	6.20	3.70	4.80	5.35
13	5.00	5.00	3.00	6.00	4.75
14	1.50	6.50	6.50	4.00	4.63
15	5.00	2.50	2.00	7.00	4.13
16	4.90	5.60	5.10	3.60	4.80
17	4.50	4.00	5.50	4.30	4.58
18	4.00	5.00	6.00	2.50	4.38
19	5.90	4.70	5.70	5.70	5.50
20	4.80	4.90	5.30	5.60	5.15
21	6.10	6.00	4.00	3.50	4.90
22	5.60	5.50	5.70	3.50	5.08
23	4.40	4.20	5.10	4.60	4.58
24	5.90	5.30	1.90	2.90	4.00
25	7.00	6.50	4.50	5.00	5.75
26	2.60	5.50	3.90	4.50	4.13
27	2.90	4.10	5.80	6.70	4.88
28	5.00	6.00	5.50	4.00	5.13
29	7.00	5.50	6.50	3.00	5.50
30	4.40	4.80	1.20	6.30	4.18
31	4.50	4.50	2.70	2.50	3.55
32	5.70	5.60	3.40	3.10	4.45
33	7.00	3.00	6.00	7.00	5.75
34	5.00	4.00	5.00	6.00	5.00
35	5.00	4.00	6.00	3.00	4.50
36	3.60	2.00	4.90	6.50	4.25
37	6.00	5.00	3.50	2.50	4.25
38	4.00	2.10	5.00	6.00	4.28
39	5.00	4.50	3.50	3.00	4.00
40	6.00	5.00	3.00	3.00	4.25
41	4.00	3.50	5.00	6.00	4.63
42	4.00	2.00	6.00	6.50	4.63
43	4.00	5.00	3.00	4.00	4.00
44	4.00	2.00	5.00	6.00	4.25
45	5.00	3.00	3.00	4.00	3.75
46	4.90	4.70	4.40	4.20	4.55
47	5.50	4.00	4.80	5.40	4.93
48	3.00	5.00	5.00	6.00	4.75
49	3.20	3.20	4.50	5.60	4.13
50	4.90	3.90	4.40	4.10	4.33
Rata-rata	4.73	4.46	4.34	4.80	4.58

Kuesioner Uji Organoleptik

Produk : *Nuggets* Babi
 Metode : Uji Kesukaan
 Pengujian : Tekstur/Rasa

Di hadapan saudara telah disajikan beberapa sampel *nuggets* babi. Saudara diminta untuk memberikan penilaian untuk setiap parameter (tekstur/rasa) berdasarkan kesukaan saudara terhadap sampel tersebut. Nilai 1 – 7 menunjukkan parameter (tekstur/rasa) dari yang sangat tidak suka sampai sangat suka.

Contoh :



Keterangan :

➤ Panelis diharapkan meminum air mineral yang telah disediakan setelah menguji setiap sampel, untuk menghilangkan rasa sampel sebelumnya.

➤ Deskripsi pengujian:

Tekstur → kekerasan dan kekompakan *nugget* ketika dimakan

Rasa → enak atau tidaknya *nugget* ketika dimakan

KUESIONER

Nama :

Tanggal :

Produk : *Nugget Babi*

Metode : Uji Kesukaan

Pengujian : RASA

Keterangan nilai :

1 = sangat tidak suka	5 = agak suka
2 = tidak suka	6 = suka
3 = agak tidak suka	7 = sangat suka
4 = netral	

158 |-----|

1 2 3 4 5 6 7

764 |-----|

1 2 3 4 5 6 7

417 |-----|

1 2 3 4 5 6 7

526 |-----|

1 2 3 4 5 6 7

Komentar : _____

KUESIONER

Nama :

Tanggal :

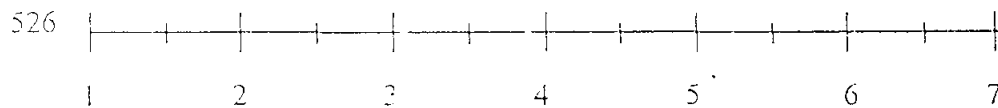
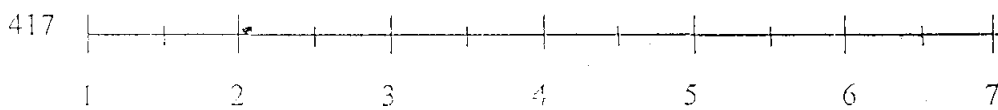
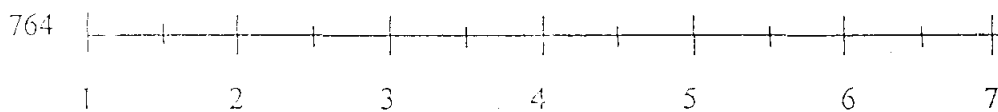
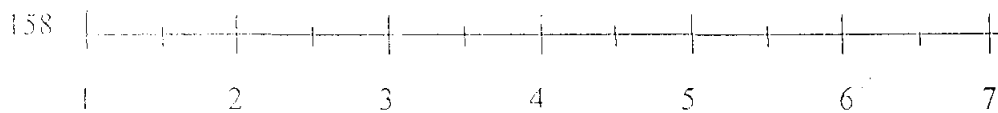
Produk : *Nugget Babi*

Metode : Uji Kesukaan

Pengujian : TEKSTUR

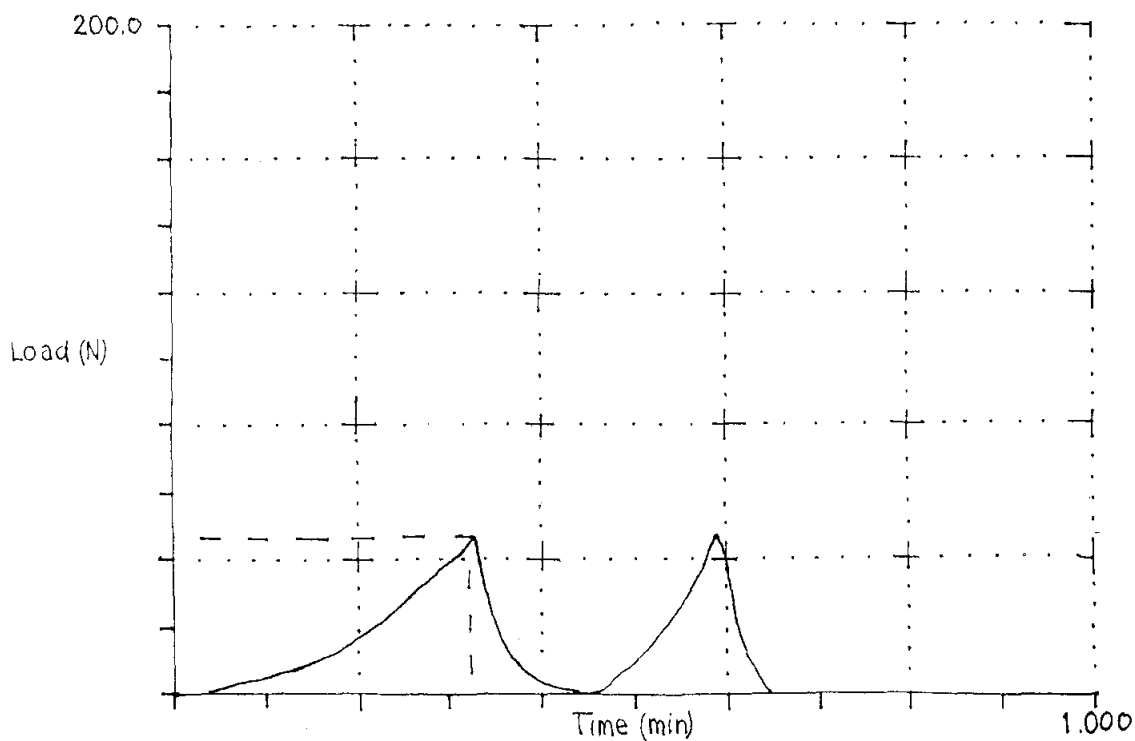
Keterangan nilai :

1 = sangat tidak suka	5 = agak suka
2 = tidak suka	6 = suka
3 = agak tidak suka	7 = sangat suka
4 = netral	



Komentar : _____

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)
48.56	0.3229

26 Aug 2003

Return.....ON

Zero.....ON

2.....ON

t.....2

Cycle Limit...10.00 mm

Cycle Limit...6.000 mm

.....Compression

isometer.....Internal

Speed30.00 mm/min

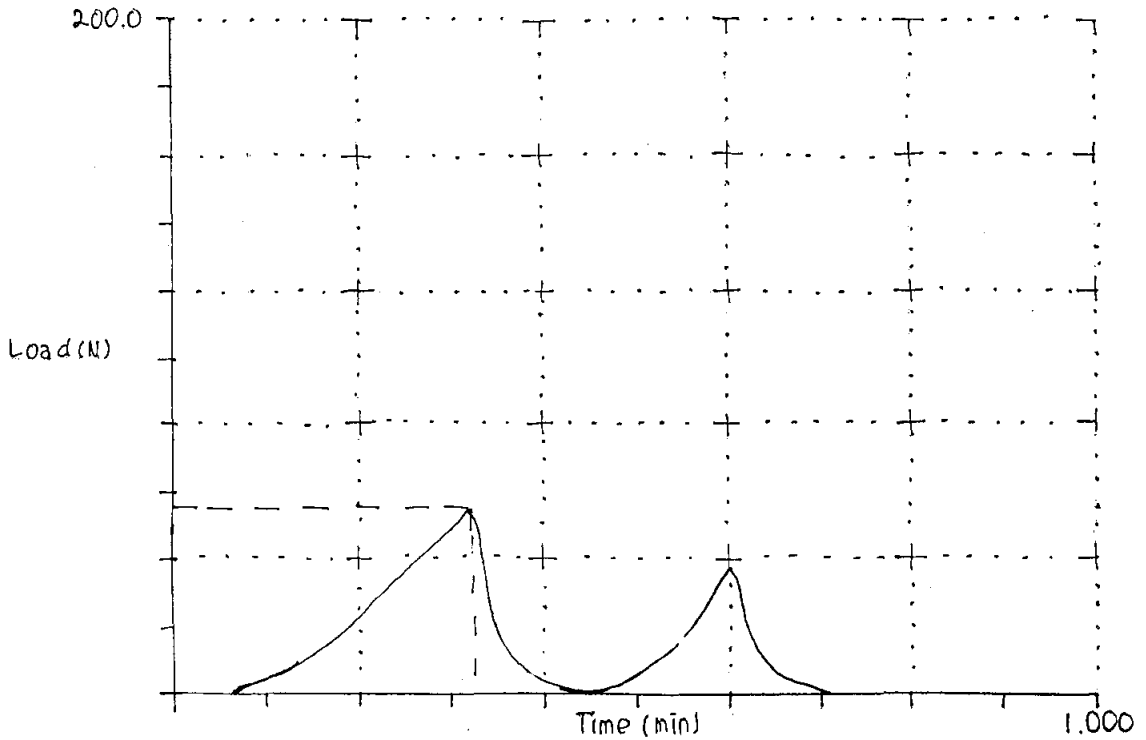
Speed100.0 mm/min

120.00 mm

115.00 mm

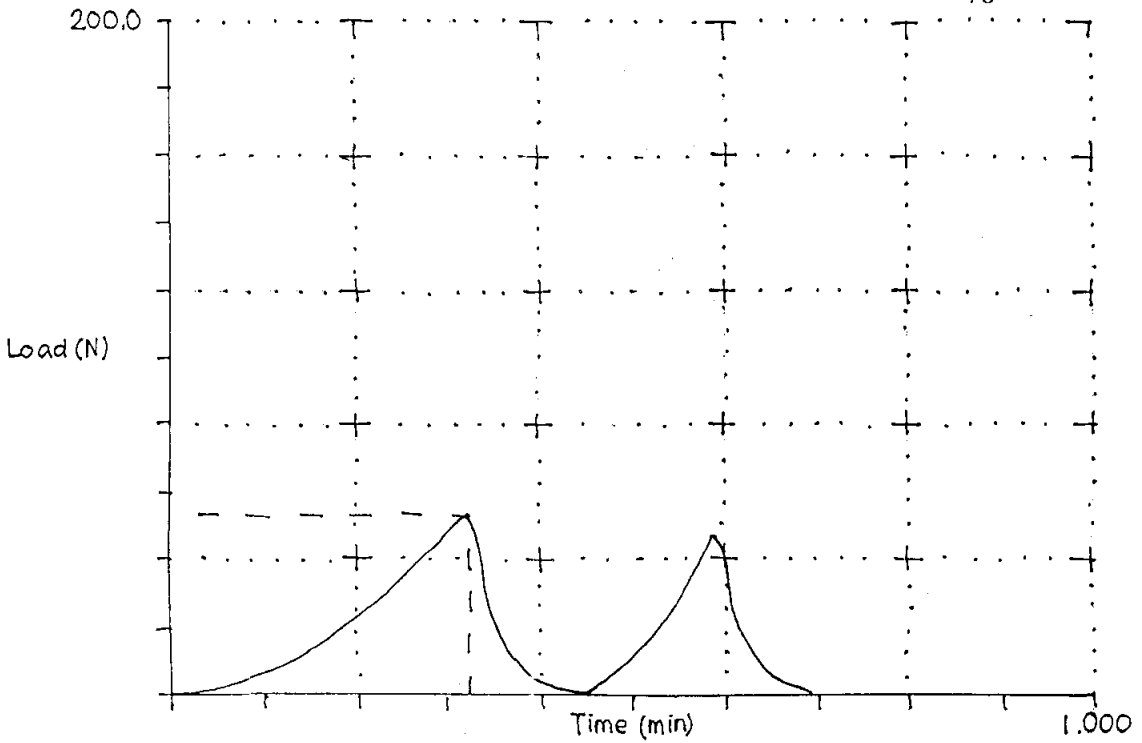
2 Length30.00 mm

saved as file: A:\B11.CDA



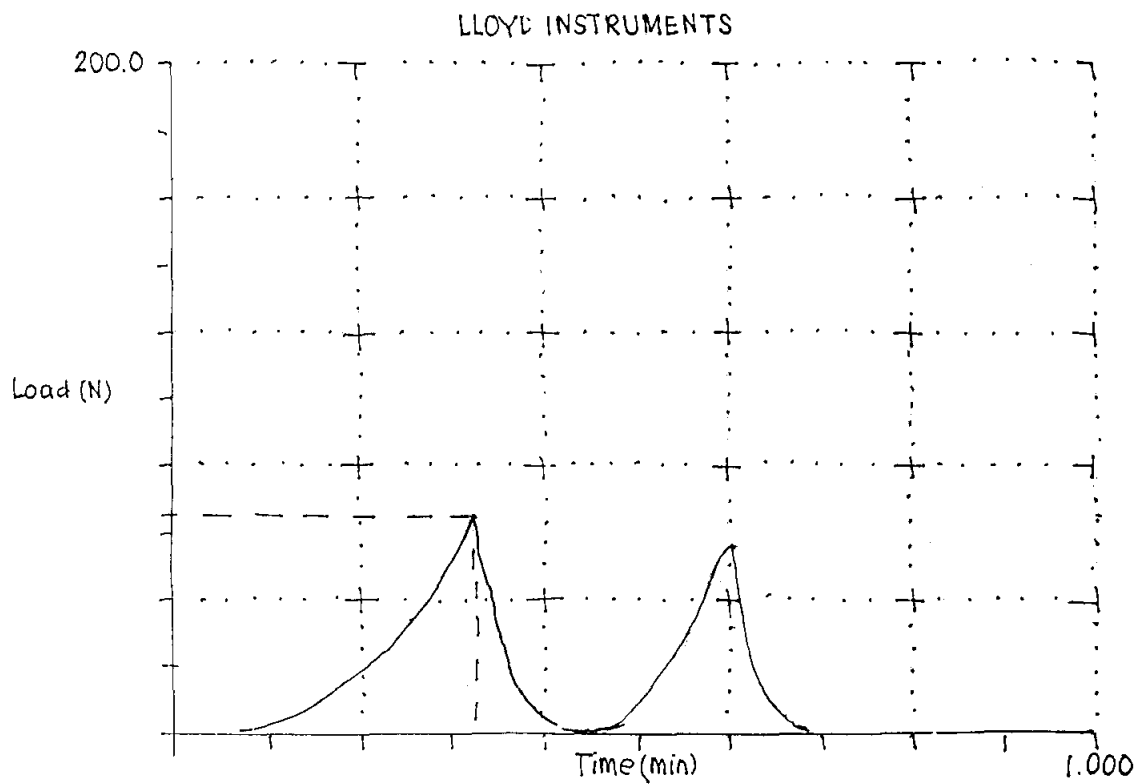
F_{max}	Δt_{max}
(N)	(min)
55.78	0.3250

10 Sep 2003
 Return.....ON
 Zero.....ON
 e.....ON
 t.....2
 n Cycle Limit...10.00 mm
 n Cycle Limit...6.000 mm
Compression
 nsometer.....Internal
 Speed30.00 mm/min
 Speed100.0 mm/min
 h20.00 mm
 h15.00 mm
 e Length30.00 mm
 saved as file: A:\B21.COA



F_{max}	Δt_{max}
(N)	(min)
53.41	0.3222

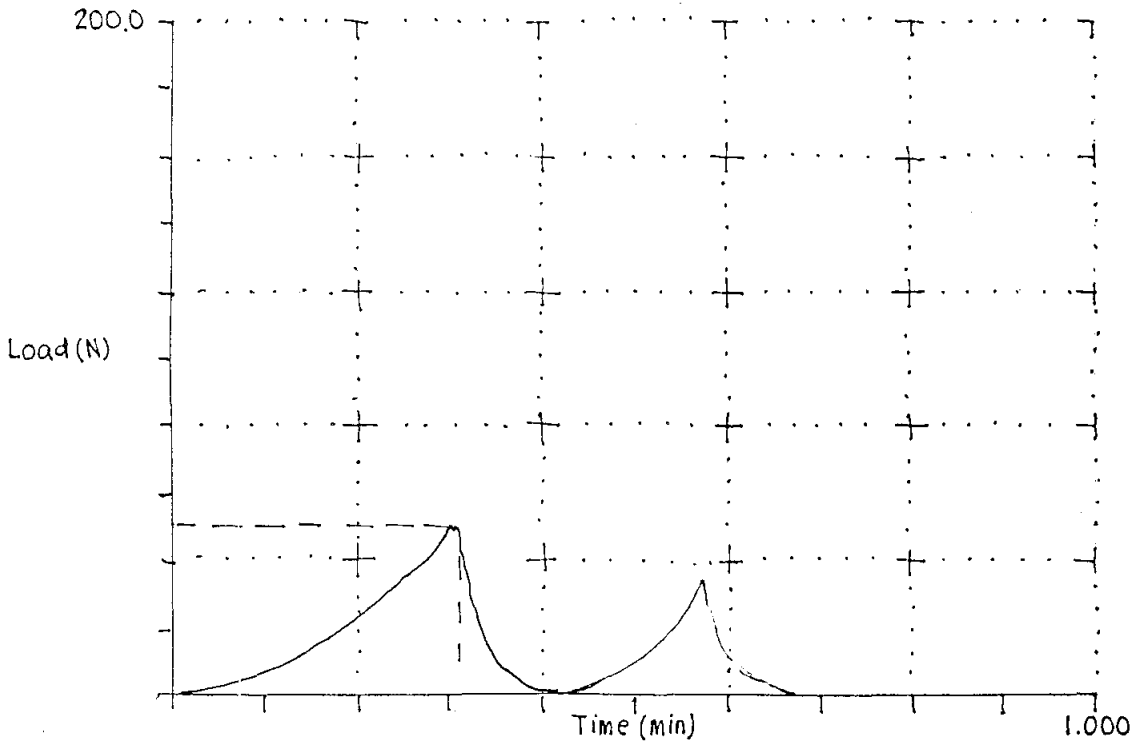
10 Sep 2003
 Return.....ON
 Zero.....ON
 e.....ON
 t.....2
 r Cycle Limit...10.00 mm
 r Cycle Limit...6.000 mm
Compression
 nsometer.....Internal
 Speed30.00 mm/min
 n Speed100.0 mm/min
 ch20.00 mm
 ch15.00 mm
 e Length30.00 mm
 saved as file: A:\B31A.CDA



F_{max}	Δt_{max}
(N)	(min)

65.59	0.3247
-------	--------

10 Sep 2003
 Return.....ON
 Zero.....ON
 e.....ON
 t.....2
 r Cycle Limit...10.00 mm
 r Cycle Limit...6.000 mm
Compression
 nsometer.....Internal
 Speed30.00 mm/min
 Speed100.0 mm/min
 h20.00 mm
 h15.00 mm
 e Length30.00 mm
 saved as file: A:\B441.CPA



F_{max}	Δt_{max}
(N)	(min)
49.74	0.3090

26 Aug 2003

o Return.....ON

o Zero.....ON

le.....ON

nt.....2

ar Cycle Limit...10.00 mm

er Cycle Limit...6.000 mm

e.....Compression

ensometer.....Internal

t Speed30.00 mm/min

h Speed100.0 mm/min

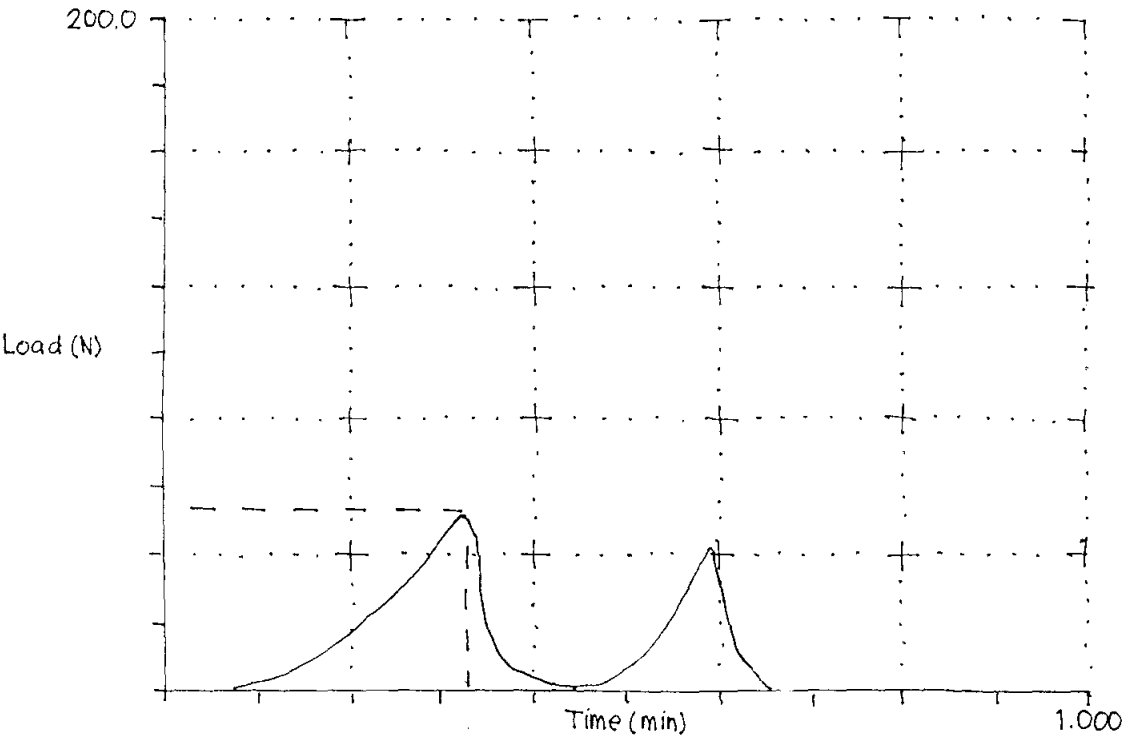
th20.00 mm

th15.00 mm

ge Length30.00 mm

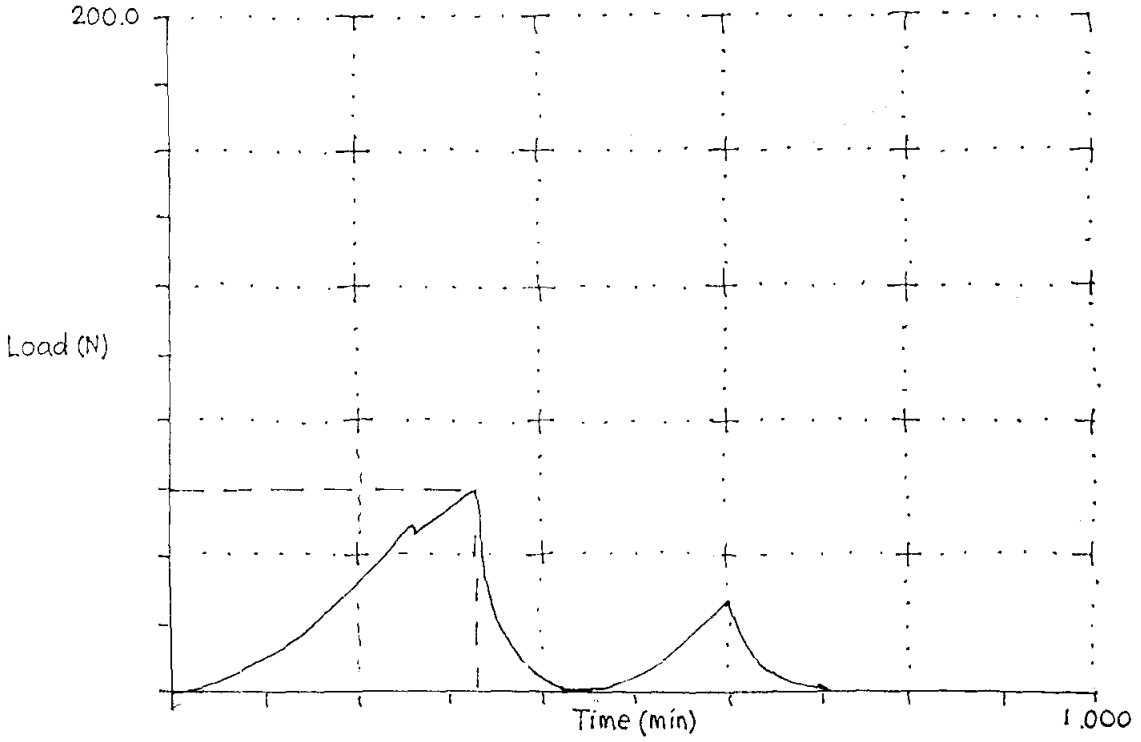
a saved as file: A:\B12.CDA

LLOYD INSTRUMENTS



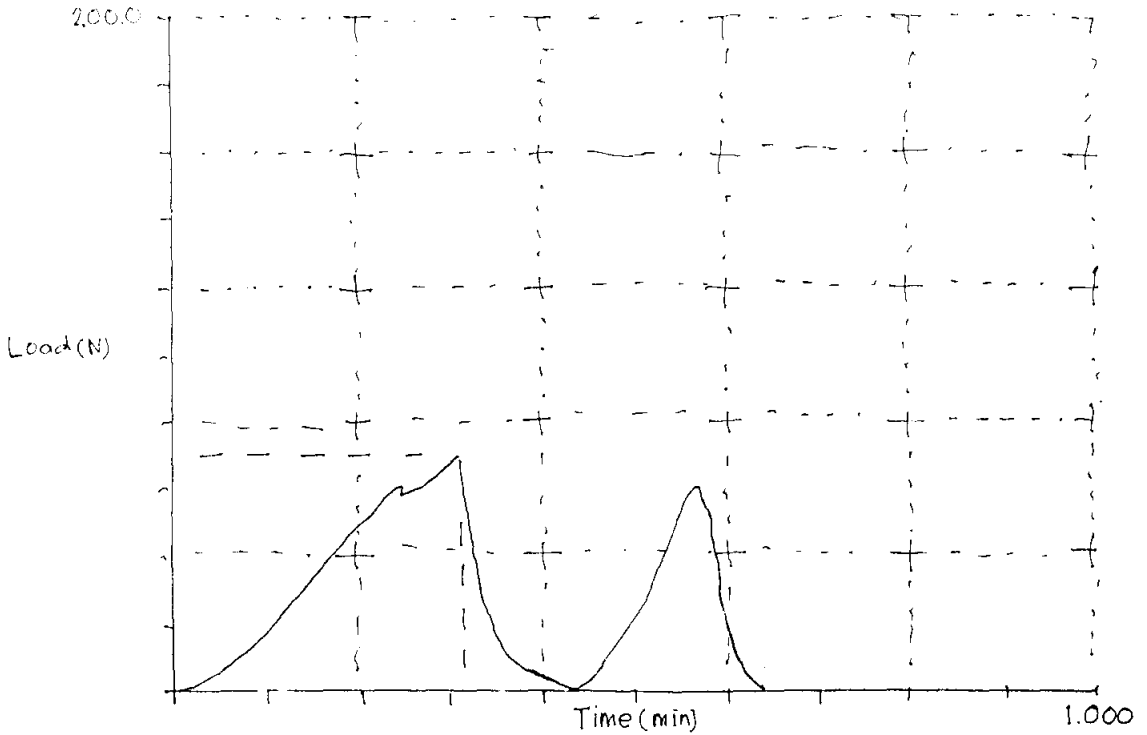
F_{max}	Δt_{max}
(N)	(min)
53.45	0.3247

26 Aug 2003
Return.....ON
Zero.....ON
.....ON
.....2
Cycle Limit...10.00 mm
Cycle Limit...6.000 mm
.....Compression
rometer.....Internal
Speed.....30.00 mm/min
Speed.....100.0 mm/min
.....20.00 mm
.....15.00 mm
Length.....30.00 mm
saved as file: A:\B22.CDA



F_{max}	t_{max}
(N)	(min)
59.56	0.3299

26 Aug 2003
 o Return.....ON
 o Zero.....ON
 le.....ON
 nt.....2
 er Cycle Limit...10.00 mm
 er Cycle Limit...6.000 mm
 z.....Compression
 ensometer.....Internal
 : Speed30.00 mm/min
 \ Speed100.0 mm/min
 ch20.00 mm
 ch15.00 mm
 ge Length30.00 mm
 saved as file: A:\B32.CDA



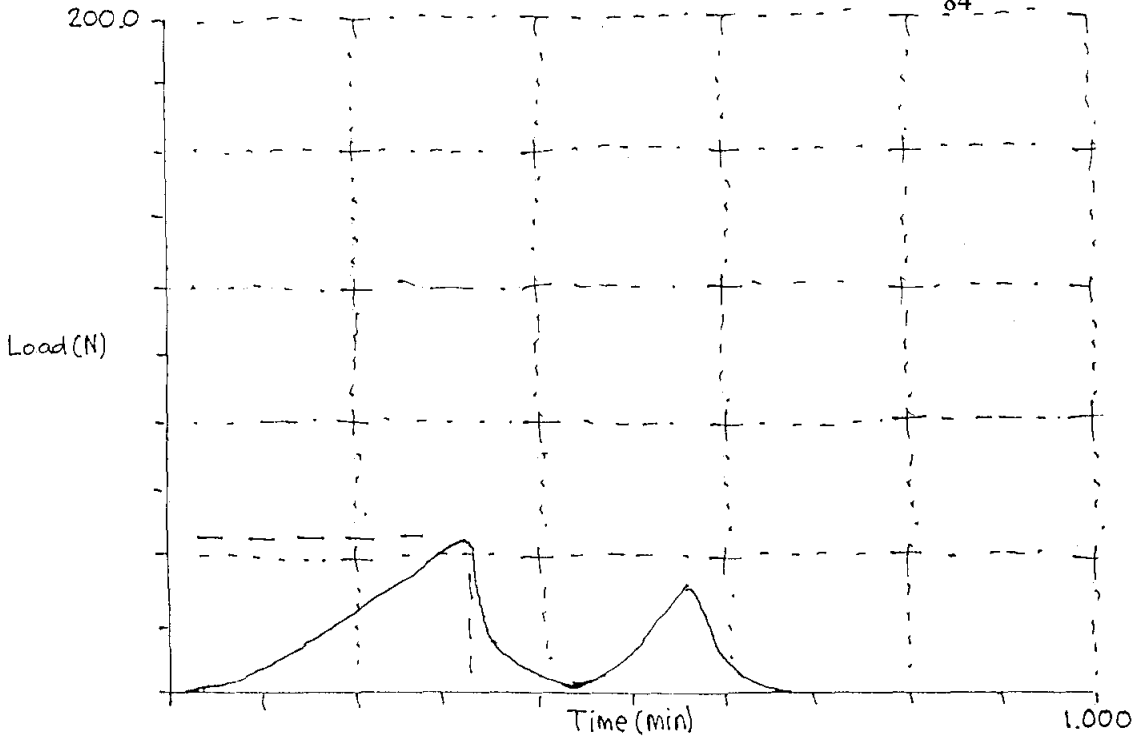
F_{max}	Δt_{max}
(N)	(min)
69.56	0.3108

26 Aug 2003

Return.....ON
 Zero.....ON
ON
2
 Cycle Limit...10.00 mm
 Cycle Limit...6.000 mm
Compression
 ometer.....Internal
 Speed30.00 mm/min
 Speed100.0 mm/min
20.00 mm
15.00 mm
 Length30.00 mm
 saved as file A:\B42.CDA

LLOYD INSTRUMENTS

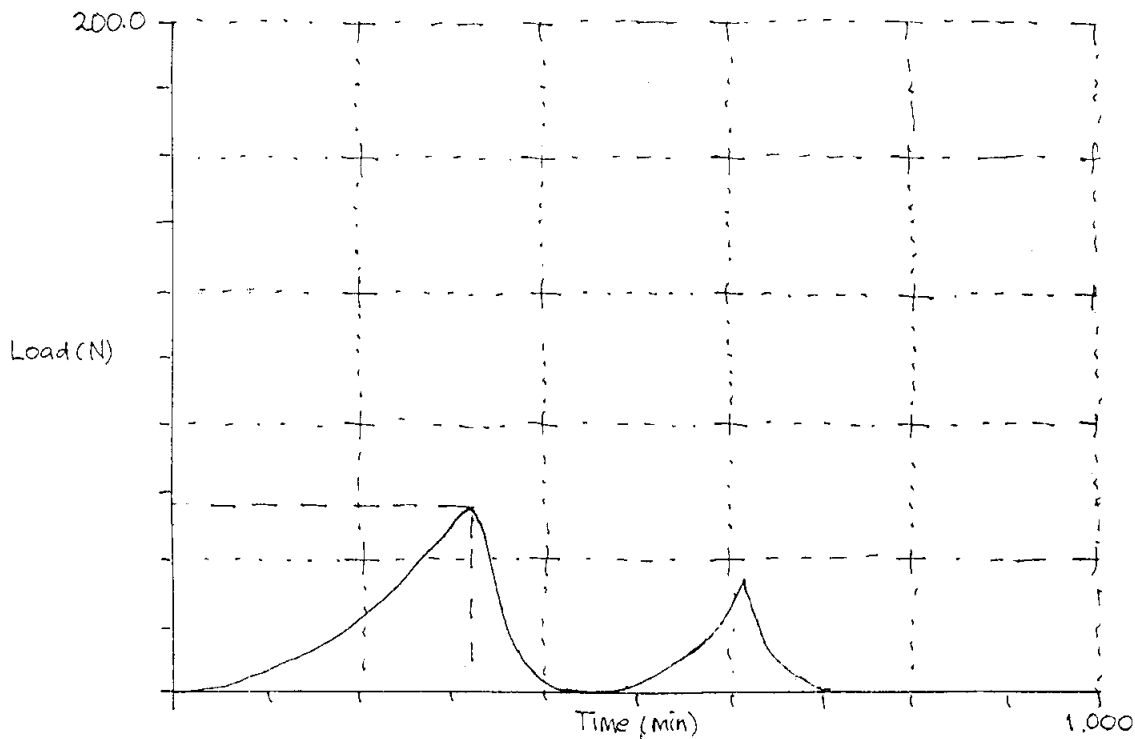
84



F_{max}	Δt_{max}
(N)	(min)
45.98	0.3229

26 Aug 2003
 o Return.....ON
 o Zero.....ON
 le.....ON
 nt.....2
 er Cycle Limit...10.00 mm
 er Cycle Limit...6.000 mm
 e.....Compression
 ensometer.....Internal
 t Speed30.00 mm/min
 h Speed100.0 mm/min
 th20.00 mm
 th15.00 mm
 ge Length30.00 mm
 a saved as file: A:\B13.CDA

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)

57.73	0.3229
-------	--------

10 Sep 2003

Return.....ON

Zero.....ON

e.....ON

t.....2

r Cycle Limit...10.00 mm

er Cycle Limit...6.000 mm

.....Compression

nsometer.....Internal

r Speed.....30.00 mm/min

h Speed.....100.0 mm/min

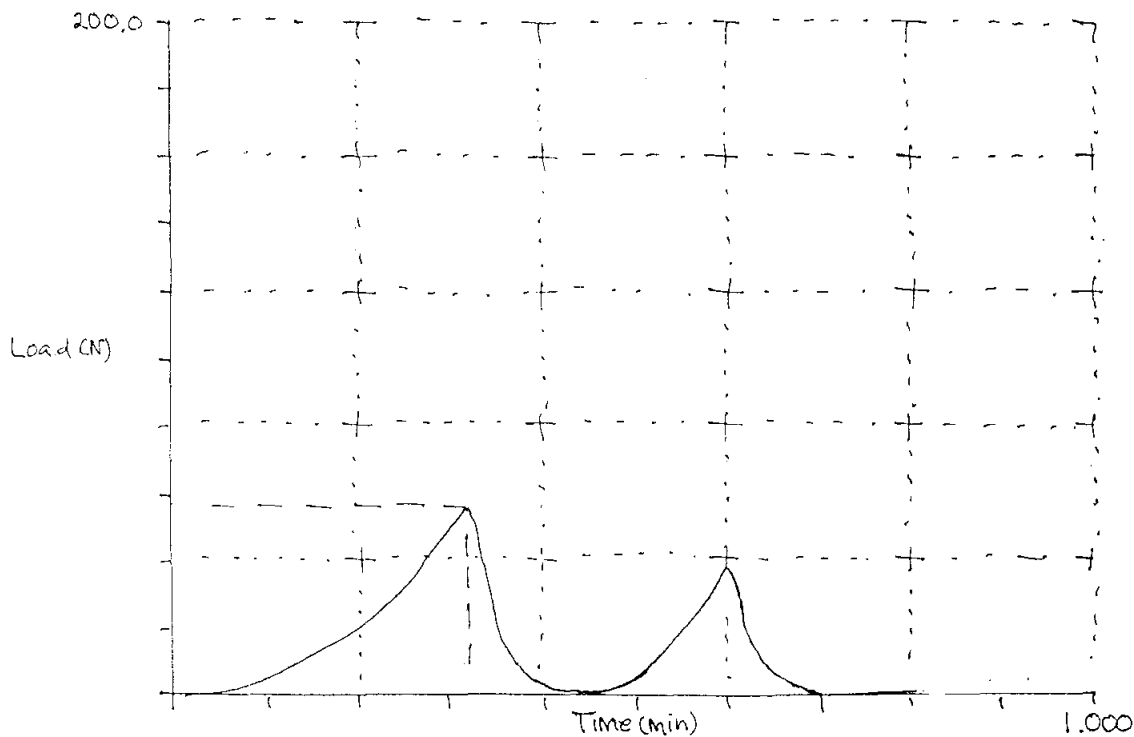
h.....20.00 mm

h.....15.00 mm

e Length.....30.00 mm

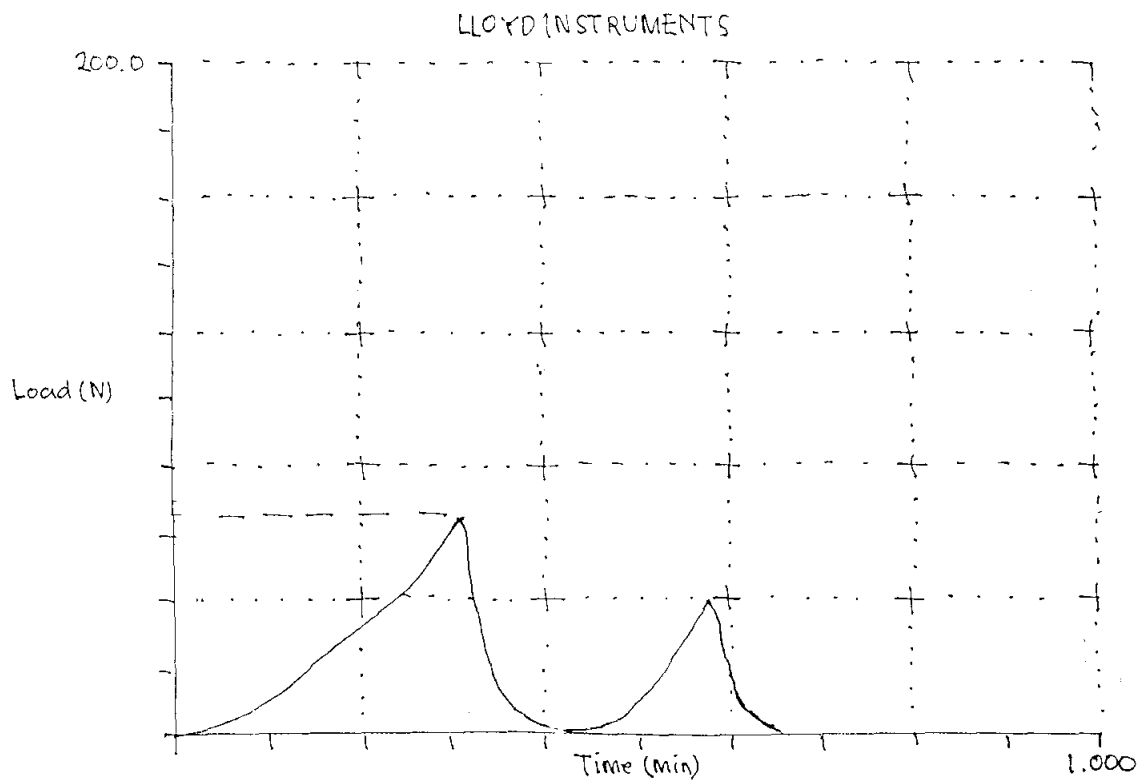
saved as file: A:\B23.COA

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)
57.00	0.3204

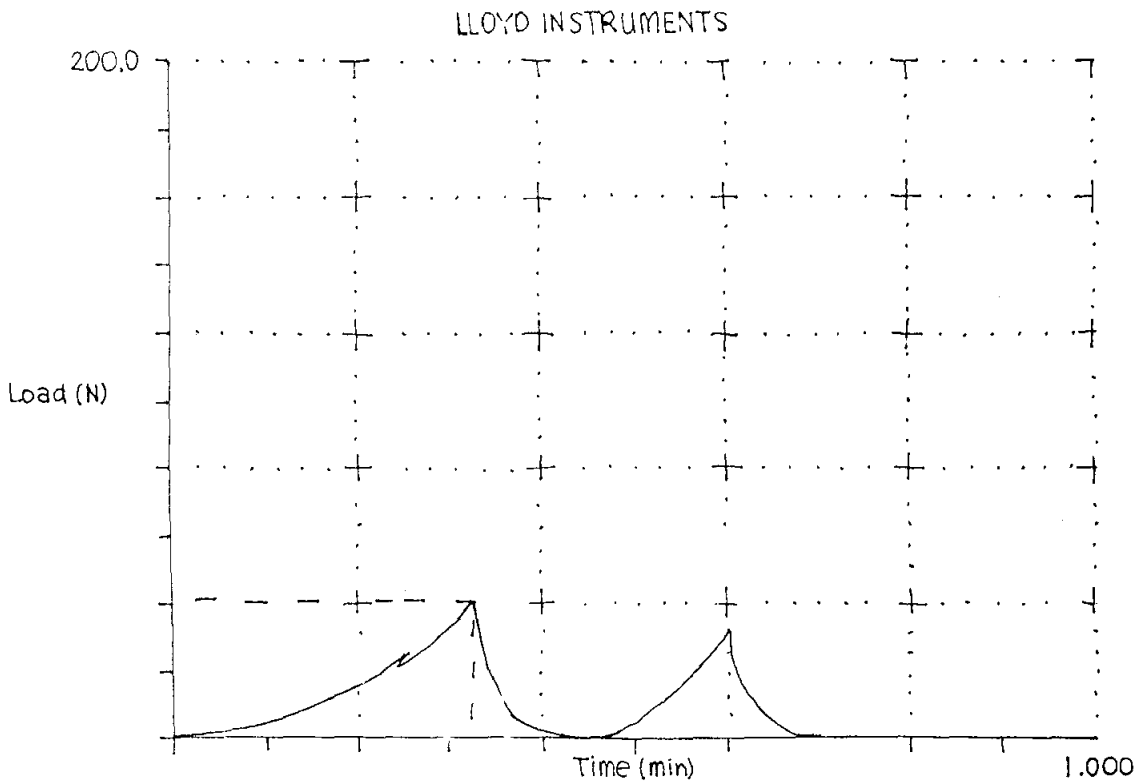
10 Sep 2003
 Return.....ON
 Zero.....ON
 e.....ON
 t.....2
 r Cycle Limit...10.00 mm
 r Cycle Limit...6.000 mm
Compression
 nsometer.....Internal
 Speed30.00 mm/min
 Speed100.0 mm/min
 h20.00 mm
 h15.00 mm
 e Length30.00 mm
 saved as file: A:\B33.CDA



F_{max}	Δt_{max}
(N)	(min)

66.54	0.3131
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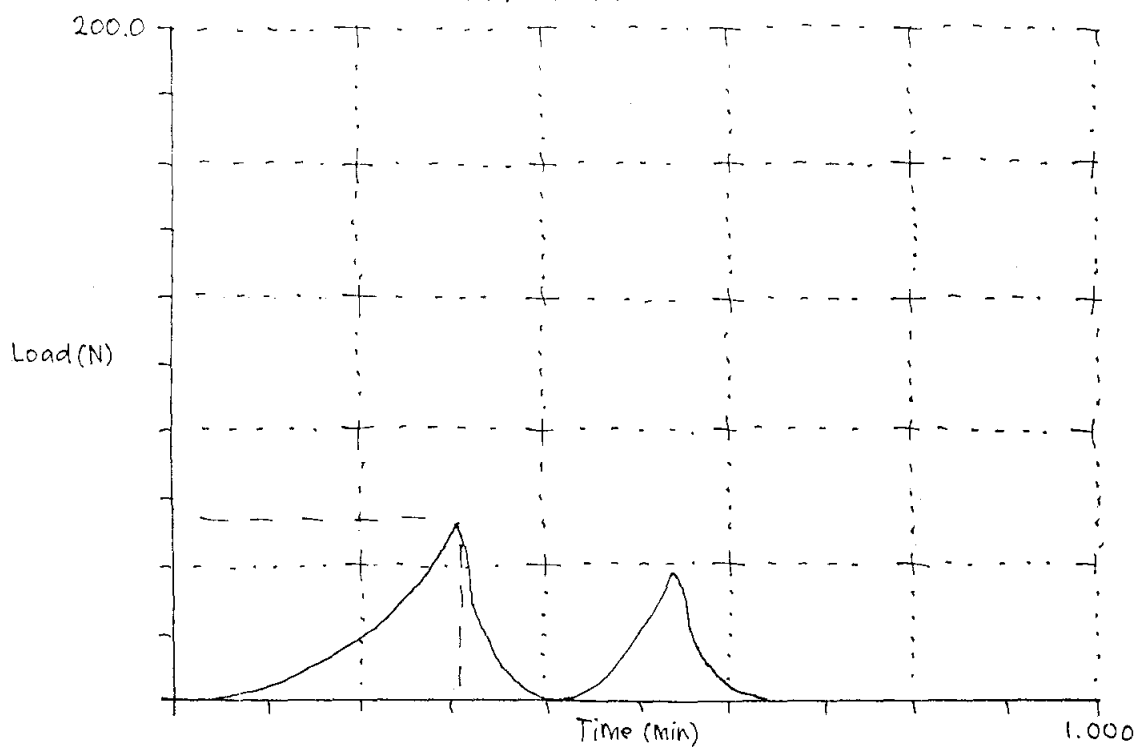
10 Sep 2003
 Return.....ON
 Zero.....ON
 e.....ON
 t.....2
 r Cycle Limit...10.00 mm
 r Cycle Limit...6.000 mm
Compression
 nrometer.....Internal
 Speed30.00 mm/min
 Speed100.0 mm/min
 h20.00 mm
 h15.00 mm
 e Length30.00 mm
 saved as file: A:\B43.CDA



$F_{\max}$	$\Delta t_{\max}$
(N)	(min)
41.53	0.3264

10 Sep 2003
 Return.....ON
 Zero.....ON
 File.....ON
 Int.....2
 per Cycle Limit...10.00 mm
 per Cycle Limit...6.000 mm
 e.....Compression
 ensometer.....Internal
 t Speed30.00 mm/min
 h Speed100.0 mm/min
 th20.00 mm
 th15.00 mm
 ge Length30.00 mm
 a saved as file: A:\L11.CDA

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)

53.41	0.3076
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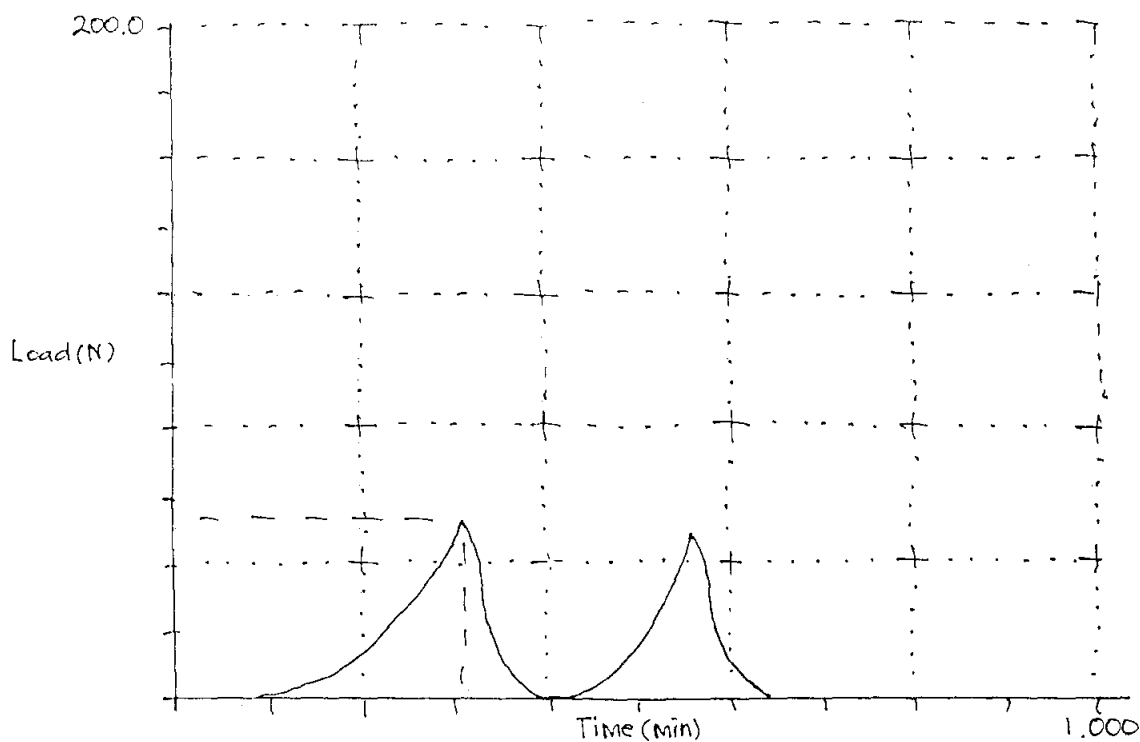
10 Sep 2003

```

> Return.....ON
> Zero.....ON
le.....ON
ht.....2
er Cycle Limit...10.00 mm
er Cycle Limit...6.000 mm
.....Compression
ensometer.....Internal
Speed .....30.00 mm/min
Speed .....100.0 mm/min
h .....20.00 mm
h .....15.00 mm
ge Length      30.00 mm
. saved as file: A:\L21..CDA

```

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)
53.06	0.3142

10 Sep 2003

Return.....ON

Zero.....ON

e.....ON

t.....2

n Cycle Limit...10.00 mm

n Cycle Limit...6.000 mm

.....Compression

nrometer.....Internal

Speed30.00 mm/min

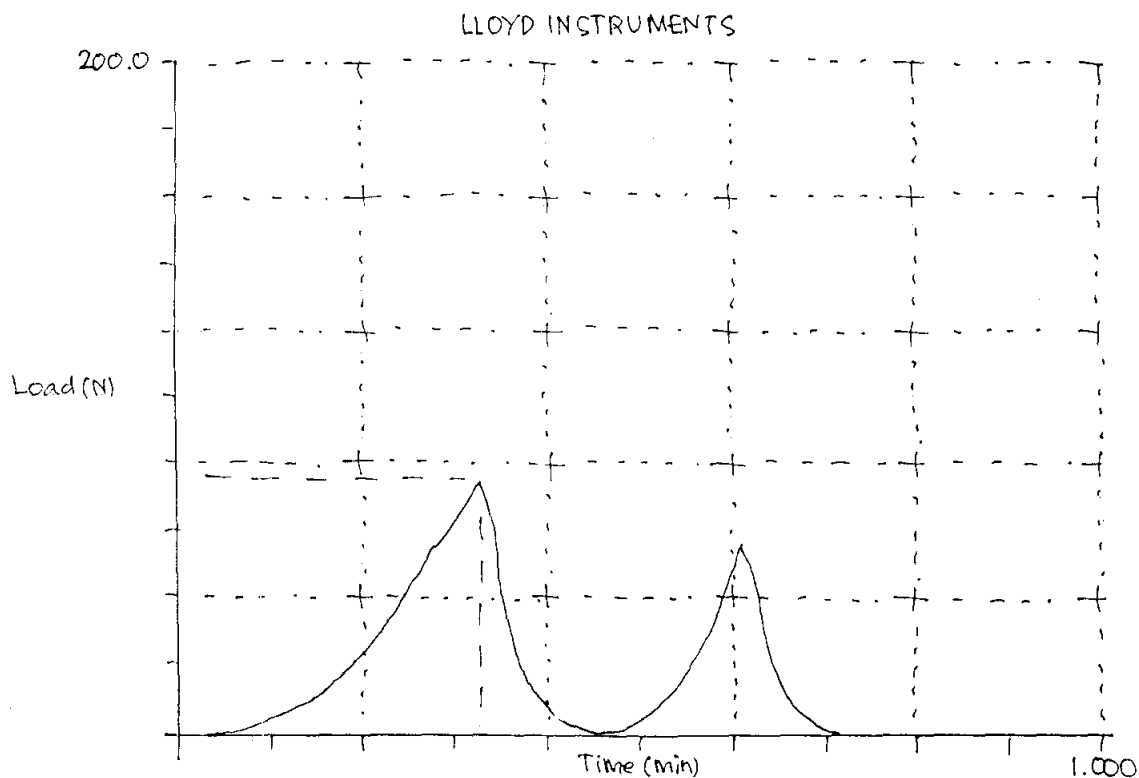
Speed100.0 mm/min

n20.00 mm

h15.00 mm

e Length30.00 mm

saved as file: A:\L31.CDA

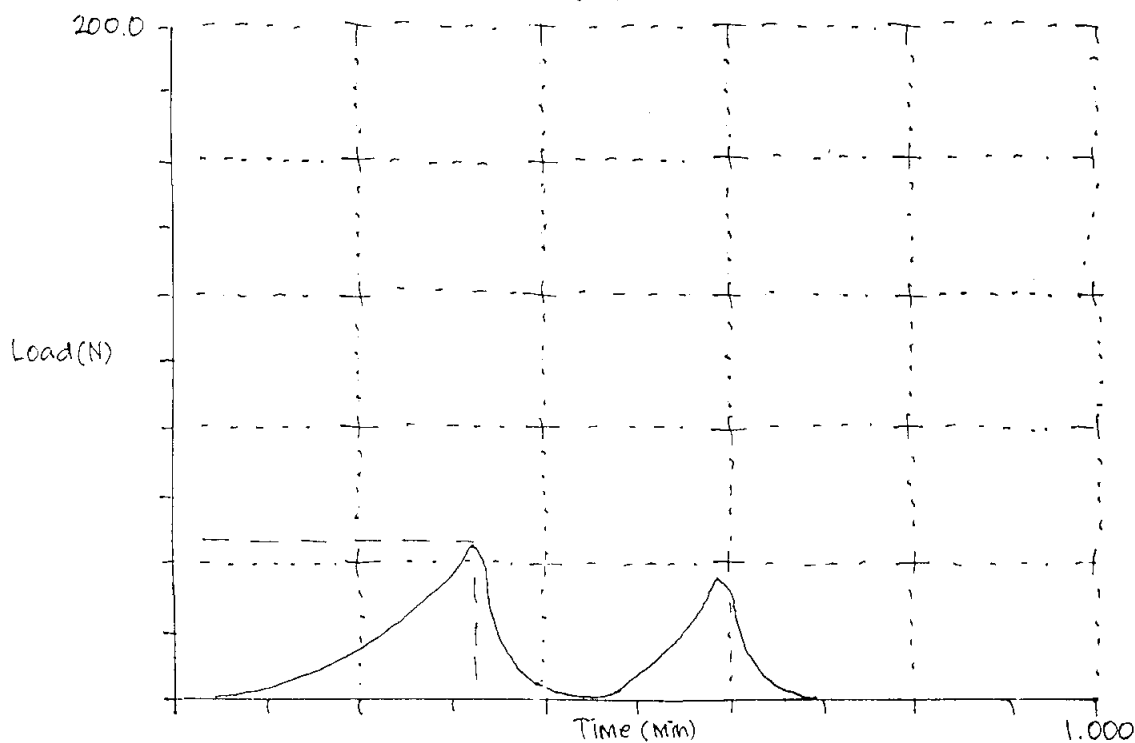


F_{max}	Δt_{max}
(N)	(min)
75.53	0.3286

10 Sep 2003

Return.....ON
 Zero.....ON
 :.....ON
 t.....2
 Cycle Limit.....10.00 mm
 Cycle Limit.....6.000 mm
Compression
 osometer.....Internal
 Speed.....30.00 mm/min
 Speed.....100.0 mm/min
20.00 mm
15.00 mm
 Length.....30.00 mm
 saved as file: A:\L41.CDA

LLOYD INSTRUMENTS



$F_{\max}$ (N)	$\Delta t_{\max}$ (min)
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46.54	0.3250
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10 Sep 2003

Return.....ON

Zero.....ON

e.....ON

t.....2

r Cycle Limit.....10.00 mm

er Cycle Limit.....6.000 mm

.....Compression

hrometer.....Internal

Speed.....30.00 mm/min

Speed.....100.0 mm/min

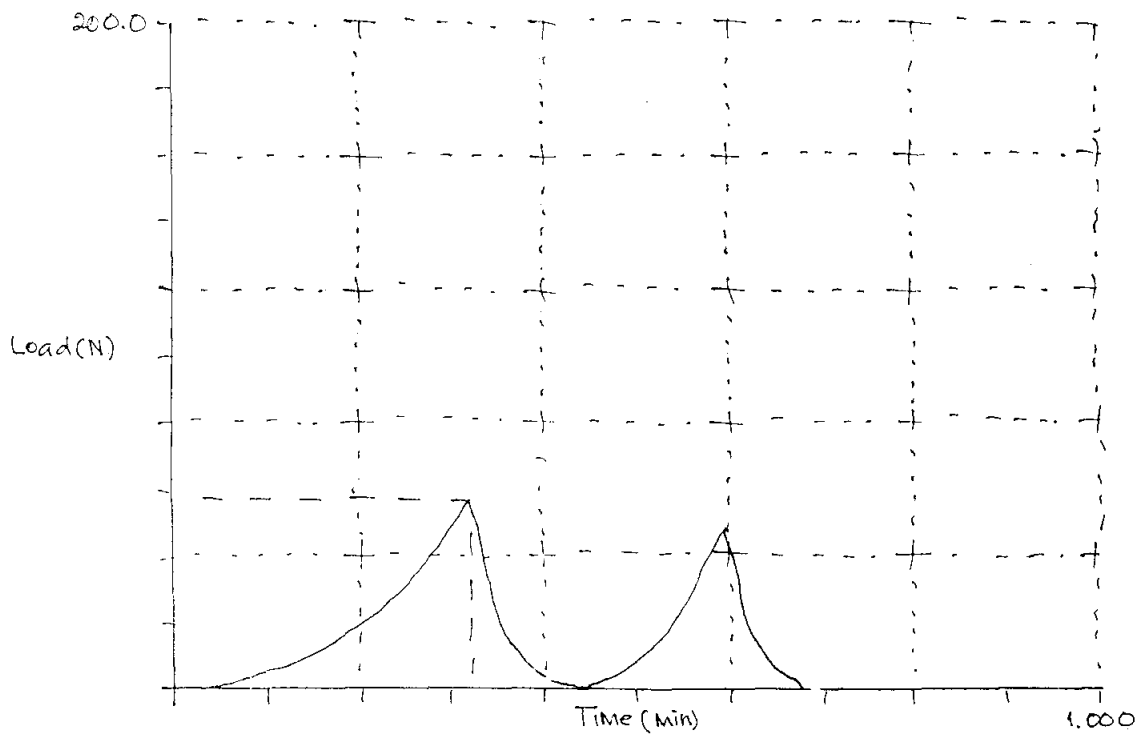
h.....20.00 mm

h.....15.00 mm

e Length.....30.00 mm

aved as file: A:\L12.CDA

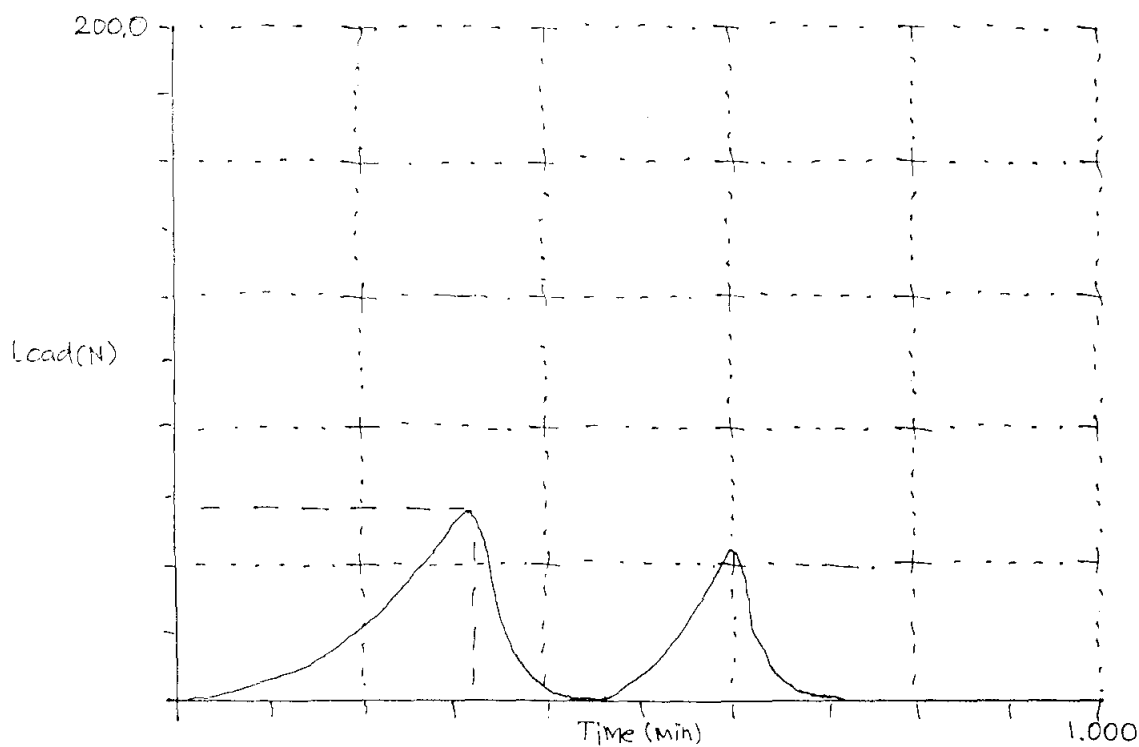
LLOYD INSTRUMENTS



F_{max} (N)	Δt_{max} (min)
56.84	0.3222

10 Sep 2003
 Return ON
 Zero ON
 e ON
 t 2
 Cycle Limit . . . 10.00 mm
 Cycle Limit . . . 6.000 mm
 Compression
 ensometer Internal
 speed 30.00 mm/min
 Speed 100.0 mm/min
 h 20.00 mm
 h 15.00 mm
 e length 30.00 mm
 saved as file: A:\L22.CDA

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)

56.84	0.3213
-------	--------

10 Sep 2003

Return - - - - .ON

Zero - - - - .ON

e - - - - .ON

t - - - - .2

r Cycle Limit - - - 10.00 mm

r Cycle Limit - - - 6.000 mm

- - - - - Compression

nsometer - - - - (Internal)

Speed - - - - 30.00 mm/min

Speed - - - - 100.0 mm/min

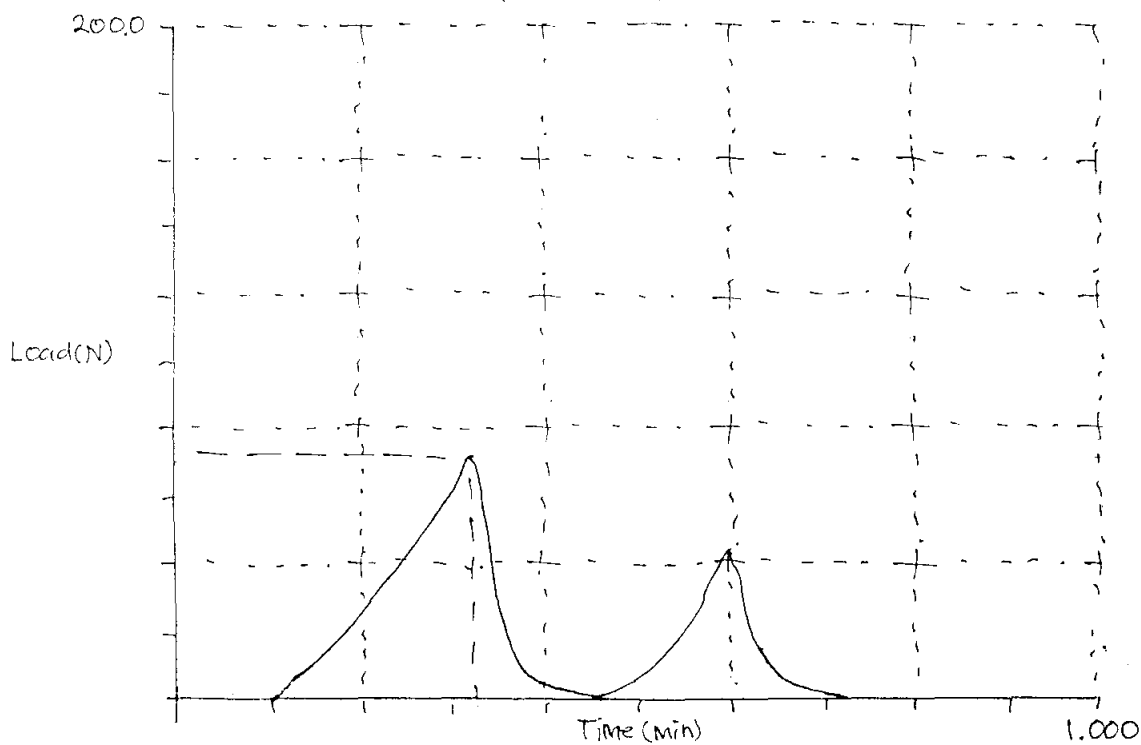
h - - - - 20.00 mm

h - - - - 15.00 mm

e Length - - - - 30.00 mm

Saved as file: A:\L32.CDA

LLOYD INSTRUMENTS



F_{max}	A_{tmax}
(N)	(min)
71.88	0.3222

10 Sep 2003

Return - - - - - ON

Zero - - - - - ON

- - - - - ON

t - - - - - 2

- Cycle Limit - - 10.00 mm

r Cycle Limit. - 6.000 mm

- - - - - Compression

nsometer - - - Internal

Speed - - - 30.00 mm/min

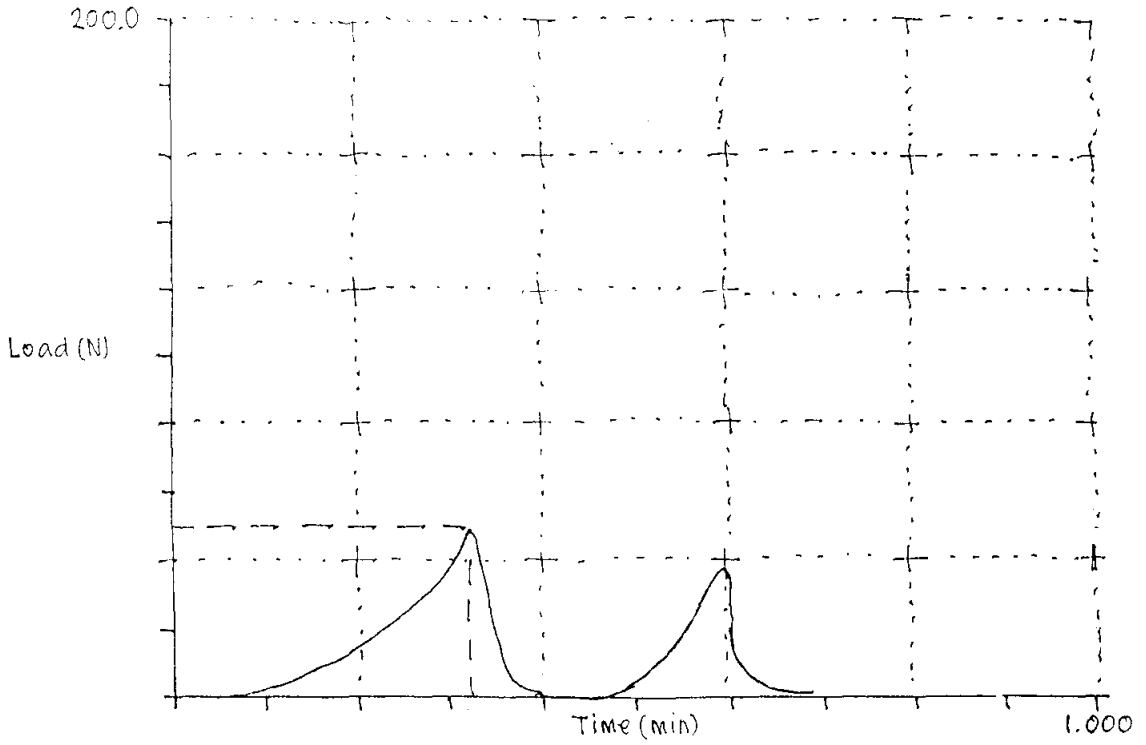
Speed - - - 100.0 mm/min

n - - - - - 20.00 mm

n - - - - - 15.00 mm

e Length - - - 30.00 mm

saved as file: A:\L42A.CDA

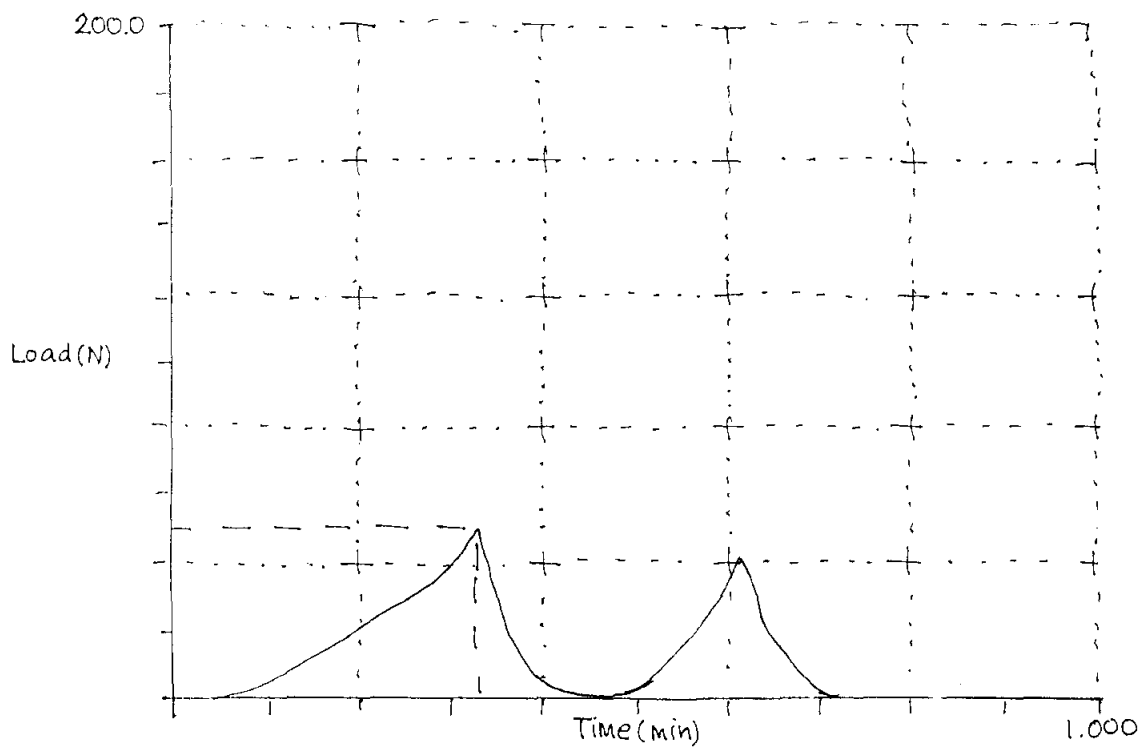


F_{max}	t_{max}
(N)	(min)

48.61	0.3222
-------	--------

10 Sep 2003
 ReturnON
 ZeroON
 eON
 t2
 r Cycle Limit . . .10.00 mm
 r Cycle Limit . . .6.000 mm
Compression
 nsometerInternal
 Speed30.00 mm/min
 Speed100.0 mm/min
 h20.00 mm
 h15.00 mm
 e Length30.00 mm
 saved as file: A:\L13.CDA

LLOYD INSTRUMENTS



F_{max}	Δt_{max}
(N)	(min)

50.26	0.3281
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0 Sep 2003

Return - - - - - ON

Zero - - - - - ON

- - - - - ON

- - - - - 2

Cycle Limit - - - 10.00 mm

Cycle Limit - - - 6.000 mm

- - - - - Compression

ometer - - - - - Internal

Speed - - - - - 30.00 mm/min

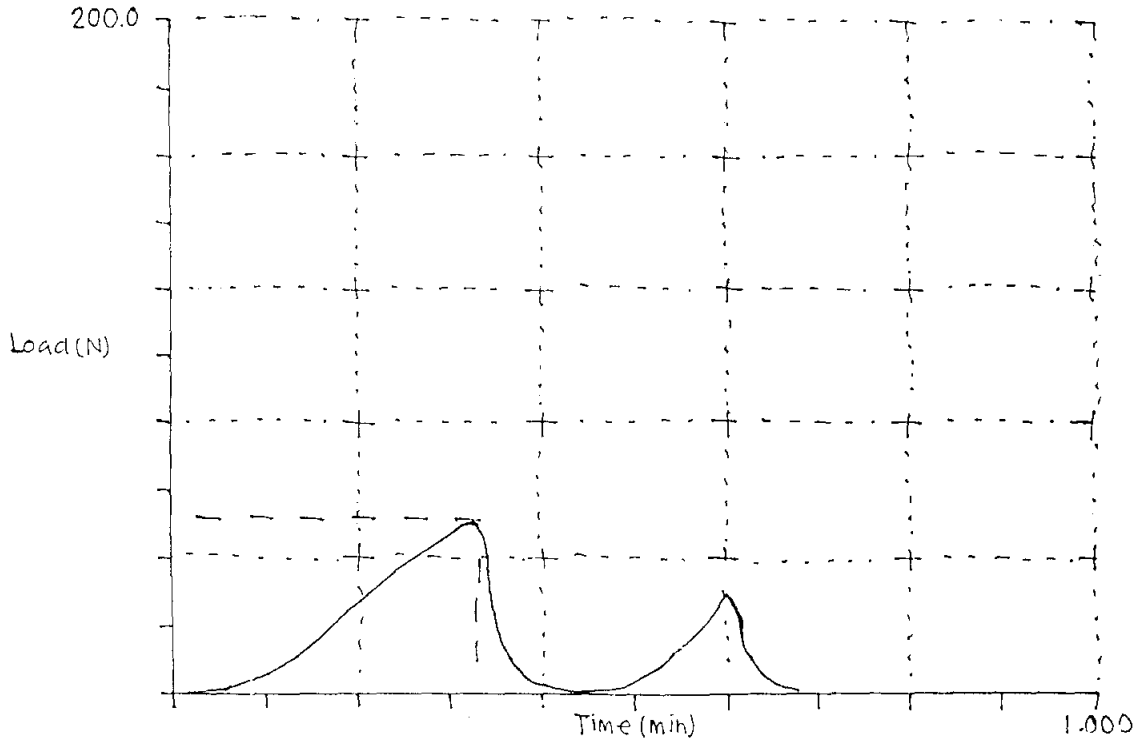
Speed - - - - - 100.0 mm/min

- - - - - 20.00 mm

- - - - - 15.00 mm

Length - - - - - 30.00 mm

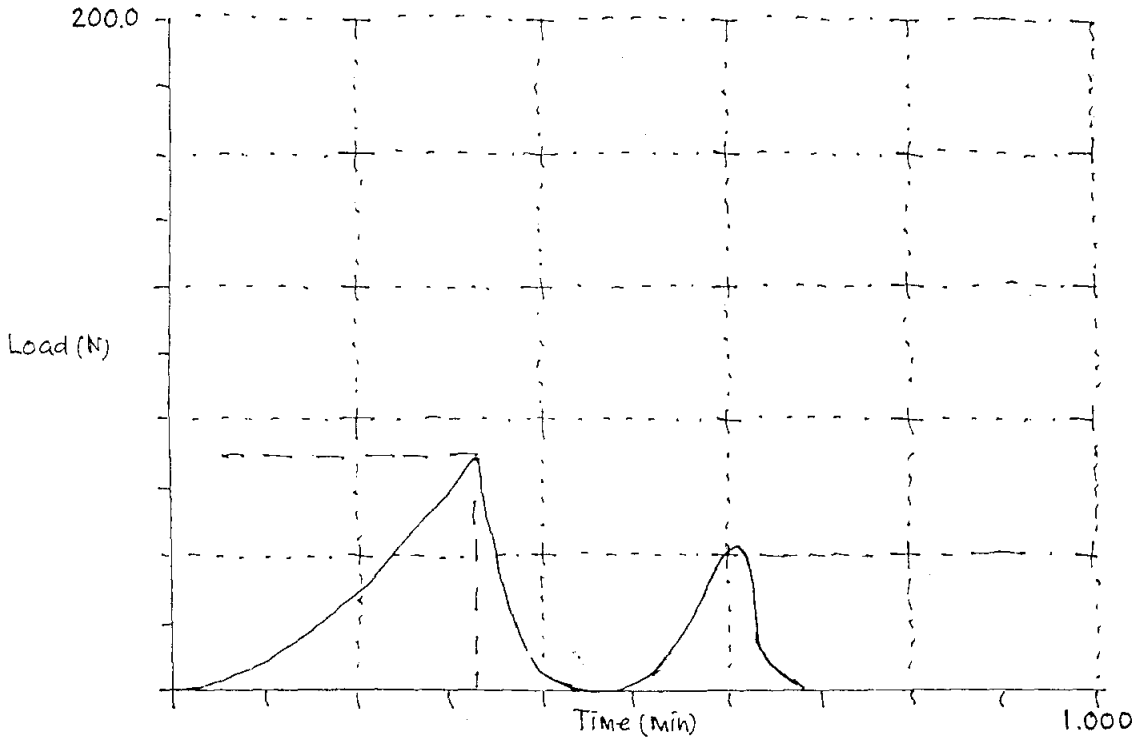
saved as file: A:\L23.CDA



F_{max} Δt_{max}
 (N) (min)

51.50 0.3305

10 Sep 2003
 Return.....ON
 Zero.....ON
 z.....ON
 t.....2
 r Cycle Limit...10.00 mm
 r Cycle Limit...6.000 mm
Compression
 asometer.....Internal
 Speed.....30.00 mm/min
 Speed.....100.0 mm/min
20.00 mm
15.00 mm
 z Length.....30.00 mm
 saved as file: A:\L33.CDA

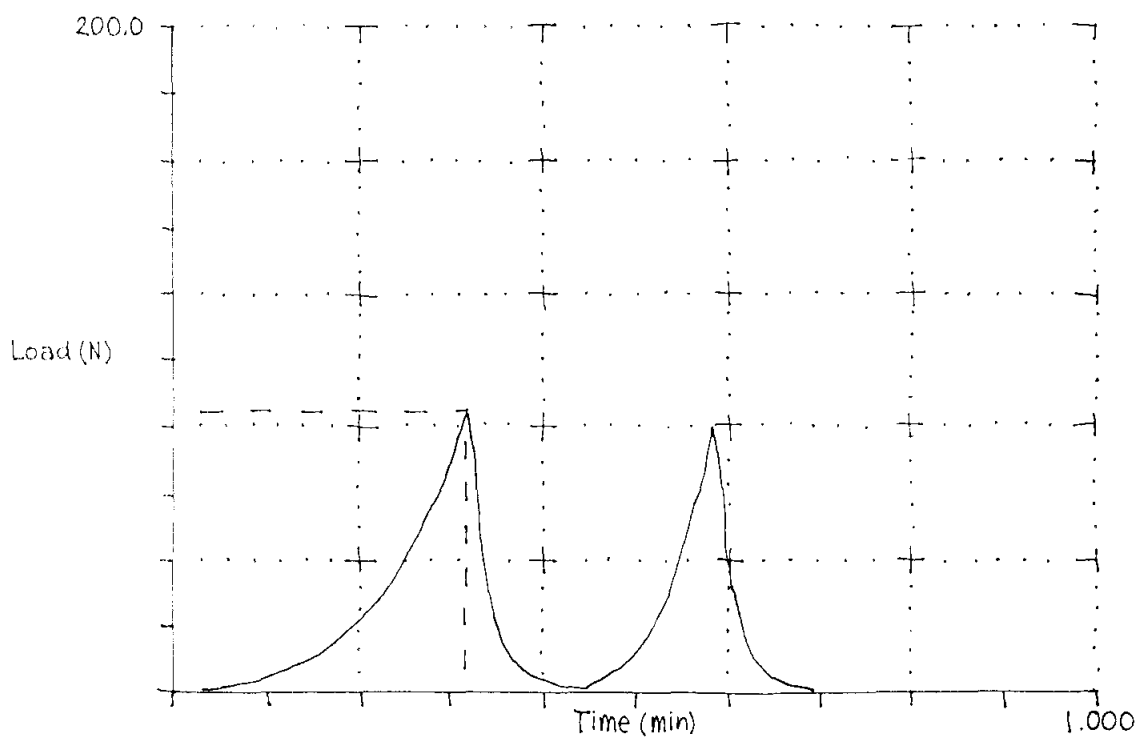


F_{max}	A_{tmax}
(N)	(min)

70.44	0.3305
-------	--------

10 Sep 2003
 Return.....ON
 Zero.....ON
 e.....ON
 t.....2
 r Cycle Limit...10.00 mm
 r Cycle Limit...6.000 mm
 r.....Compression
 nsometer.....Internal
 Speed.....30.00 mm/min
 Speed.....100.0 mm/min
 n.....20.00 mm
 h.....15.00 mm
 z Length.....30.00 mm
 saved as file: A:\L43.CDA

LLOYD INSTRUMENTS



$F_{\max}$	$\Delta t_{\max}$
(N)	(min)

83.92	0.3177
-------	--------

10 Sep 2003

Return.....ON

Zero.....ON

e.....ON

t.....2

er Cycle Limit...10.00 mm

er Cycle Limit...6.000 mm

.....Compression

ensometer.....Internal

Speed30.00 mm/min

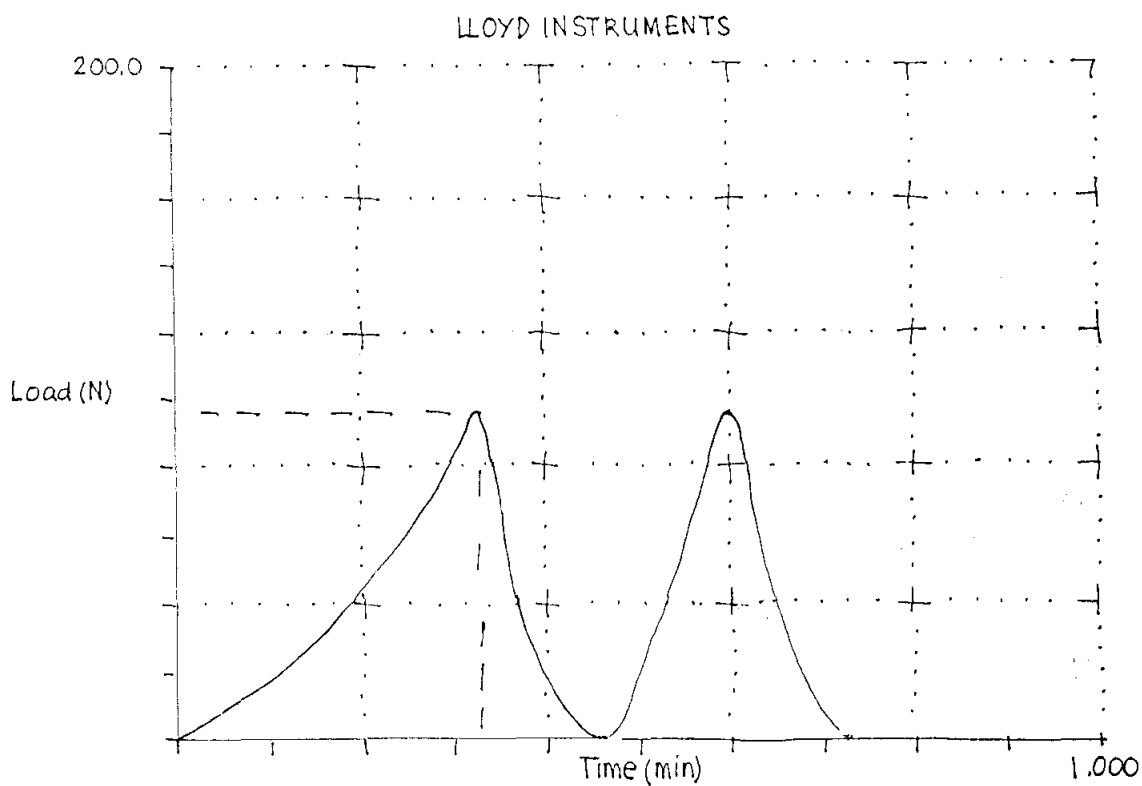
Speed100.0 mm/min

h20.00 mm

h15.00 mm

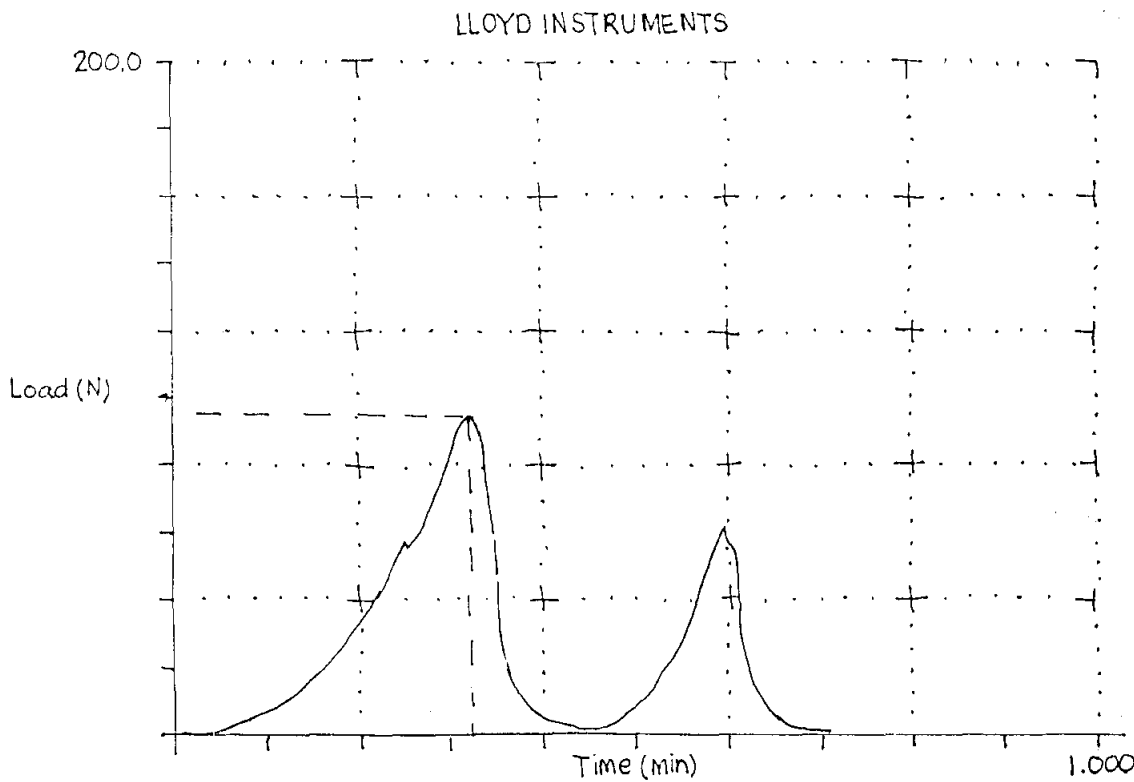
e Length30.00 mm

saved as file: A:\PII.COA



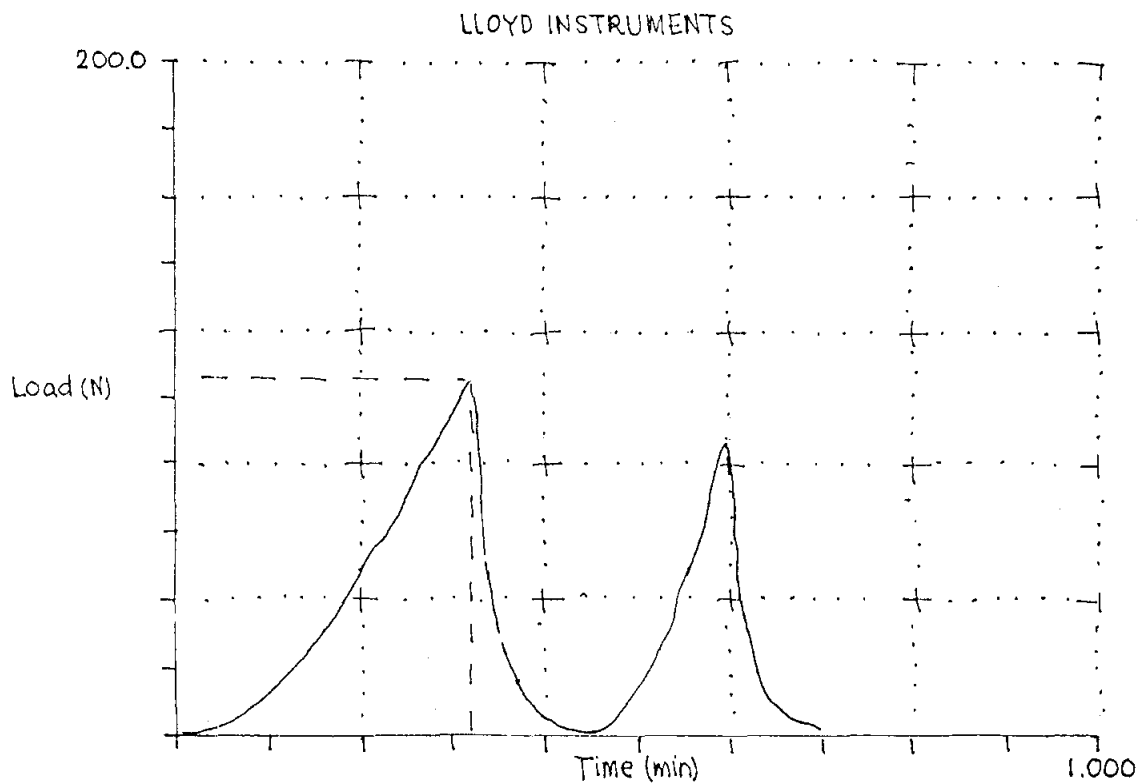
F_{max}	Δt_{max}
(N)	(min)
96.77	0.3299

d 10 Sep 2003
 to Return.....ON
 to Zero.....ON
 cle.....ON
 unt.....2
 per Cycle Limit...10.00 mm
 wer Cycle Limit...6.000 mm
 de.....Compression
 tensometer.....Internal
 st Speed30.00 mm/min
 ch Speed100.0 mm/min
 dth20.00 mm
 pth15.00 mm
 uge Length30.00 mm
 ta saved as file: A:\P21.CDA



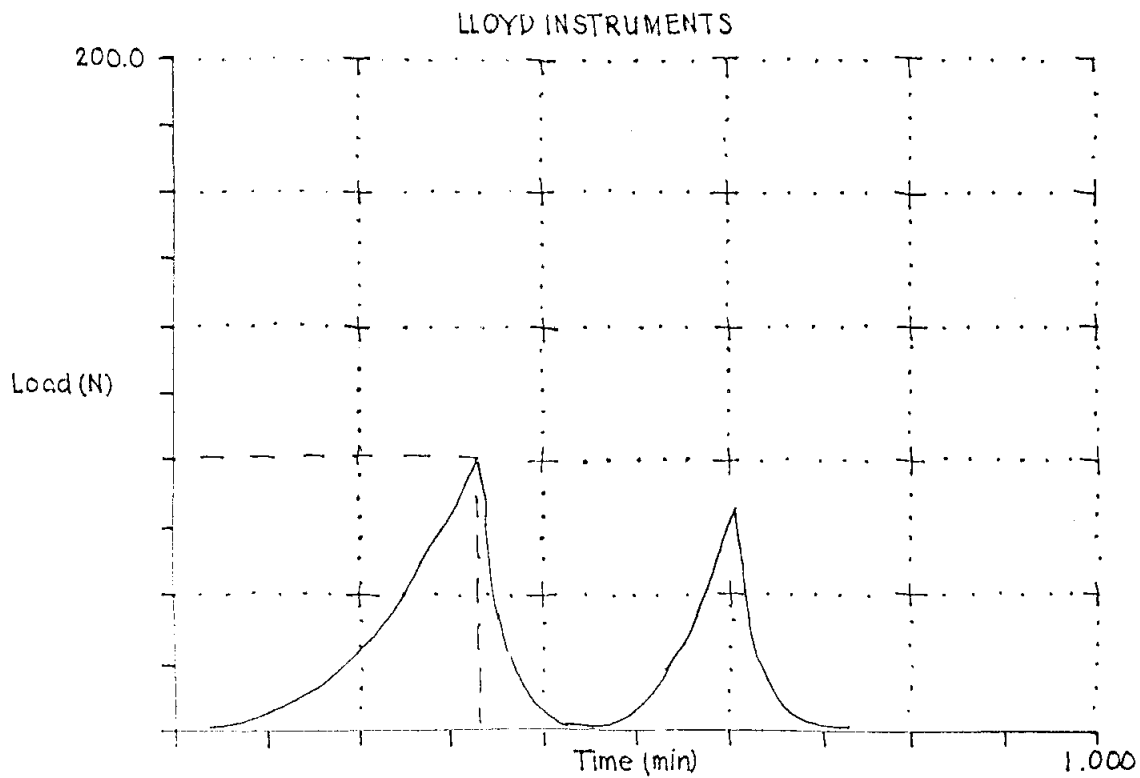
$F_{\max}$	$\Delta t_{\max}$
(N)	(min)
95.91	0.3241

d 10 Sep 2003
 to Return.....ON
 to Zero.....ON
 cle.....ON
 unt.....2
 per Cycle Limit...10.00 mm
 wer Cycle Limit...6.000 mm
 de.....Compression
 tensometer.....Internal
 st Speed30.00 mm/min
 ch Speed100.0 mm/min
 dth20.00 mm
 pth15.00 mm
 uge Length30.00 mm
 ta saved as file: A:\P31.CDA



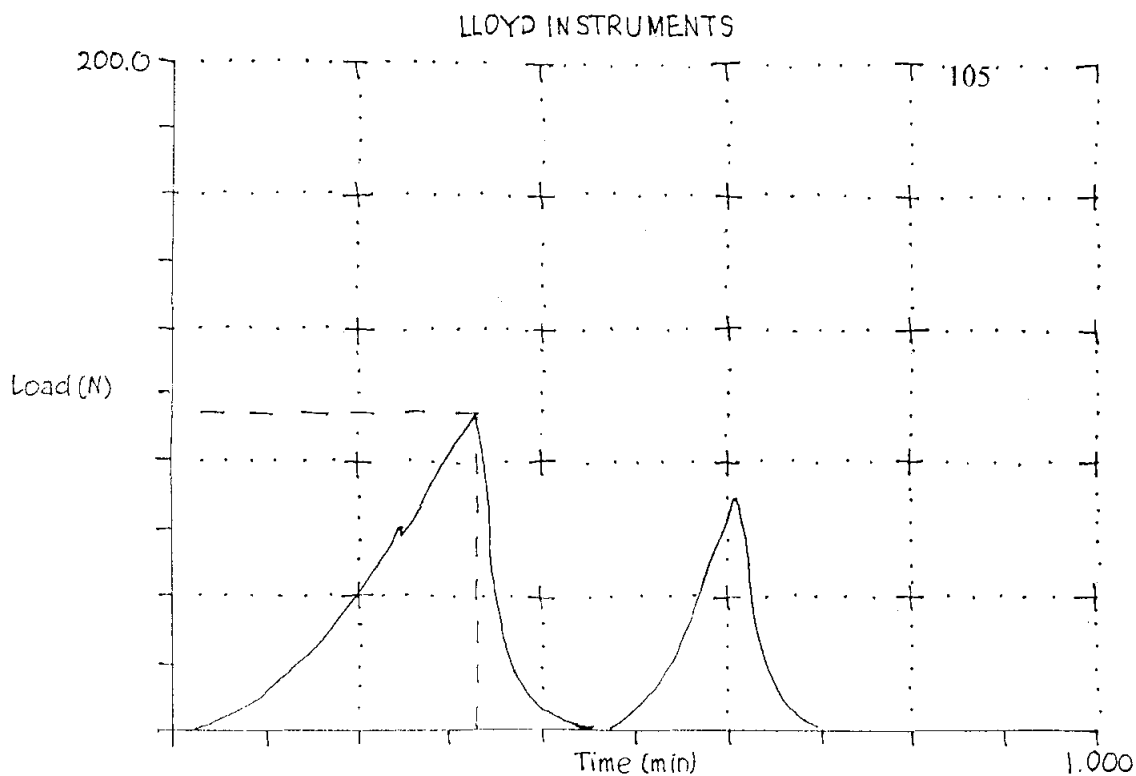
F_{max}	Δt_{max}
(N)	(min)
105.3	0.3195

d 10 Sep 2003
 to Return.....ON
 to Zero.....ON
 cle.....ON
 unt.....2
 per Cycle Limit...10.00 mm
 ver Cycle Limit...6.000 mm
 de.....Compression
 tensometer.....Internal
 st Speed30.00 mm/min
 sh Speed100.0 mm/min
 th20.00 mm
 th15.00 mm
 age Length30.00 mm
 ta saved as file: A:\P41.CDA



F_{max}	A_{tmax}
(N)	(min)
81.35	0.3299

26 Aug 2003
 to Return.....ON
 to Zero.....ON
 le.....ON
 nt.....2
 ver Cycle Limit...10.00 mm
 ver Cycle Limit...6.000 mm
 le.....Compression
 ensometer.....Internal
 t Speed30.00 mm/min
 ch Speed100.0 mm/min
 th20.00 mm
 th15.00 mm
 ge Length30.00 mm
 ca saved as file: A:\PI2.CDA



F_{max}	Δt_{max}
(N)	(min)
94.71	0.3299

26 Aug 2003

> Return.....ON

> Zero.....ON

> e.....ON

> nt.....2

> er Cycle Limit...10.00 mm

> er Cycle Limit...6.000 mm

>Compression

> ensometer.....Internal

> : Speed30.00 mm/min

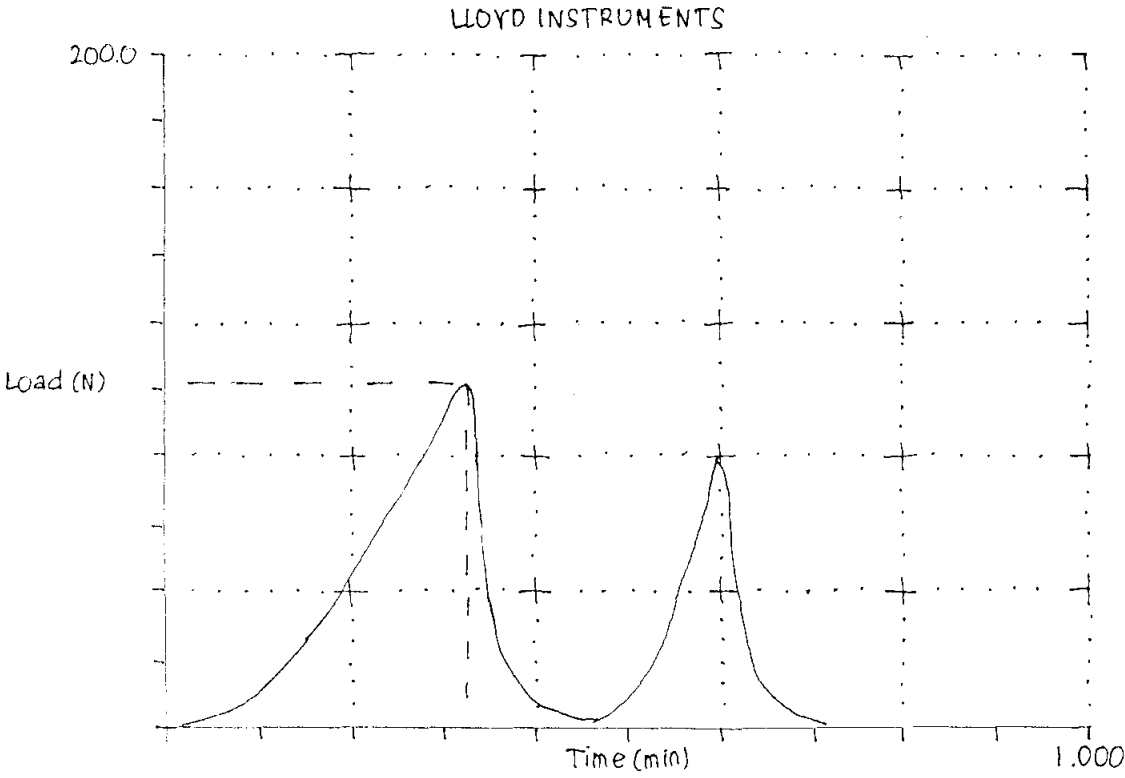
> \ Speed100.0 mm/min

> th20.00 mm

> th15.00 mm

> e Length30.00 mm

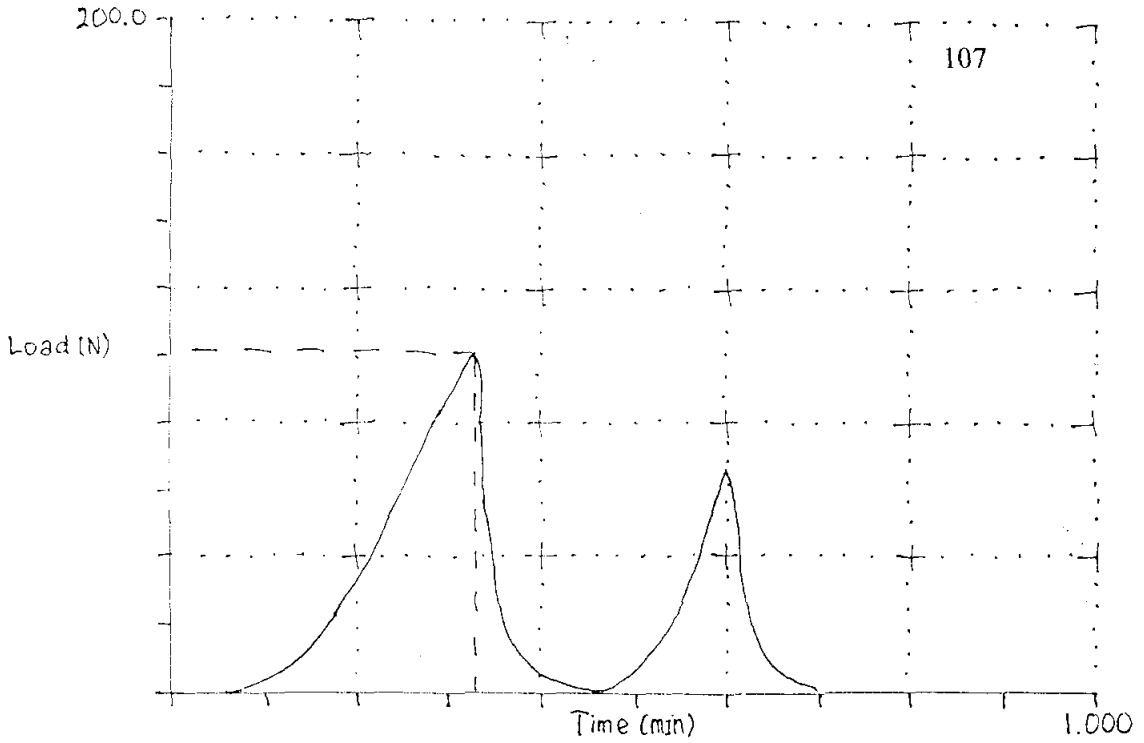
> a saved as file: A:\P22.ODA



F_{max}	Δt_{max}
(N)	(min)
101.6	0.3264

26 Aug 2003
Return.....ON
Zero.....ON
e.....ON
t.....2
r Cycle Limit...10.00 mm
r Cycle Limit...6.000 mm
.....Compression
usometer.....Internal
Speed30.00 mm/min
Speed100.0 mm/min
h20.00 mm
h15.00 mm
e Length30.00 mm
saved as file: A:\P32.CDA

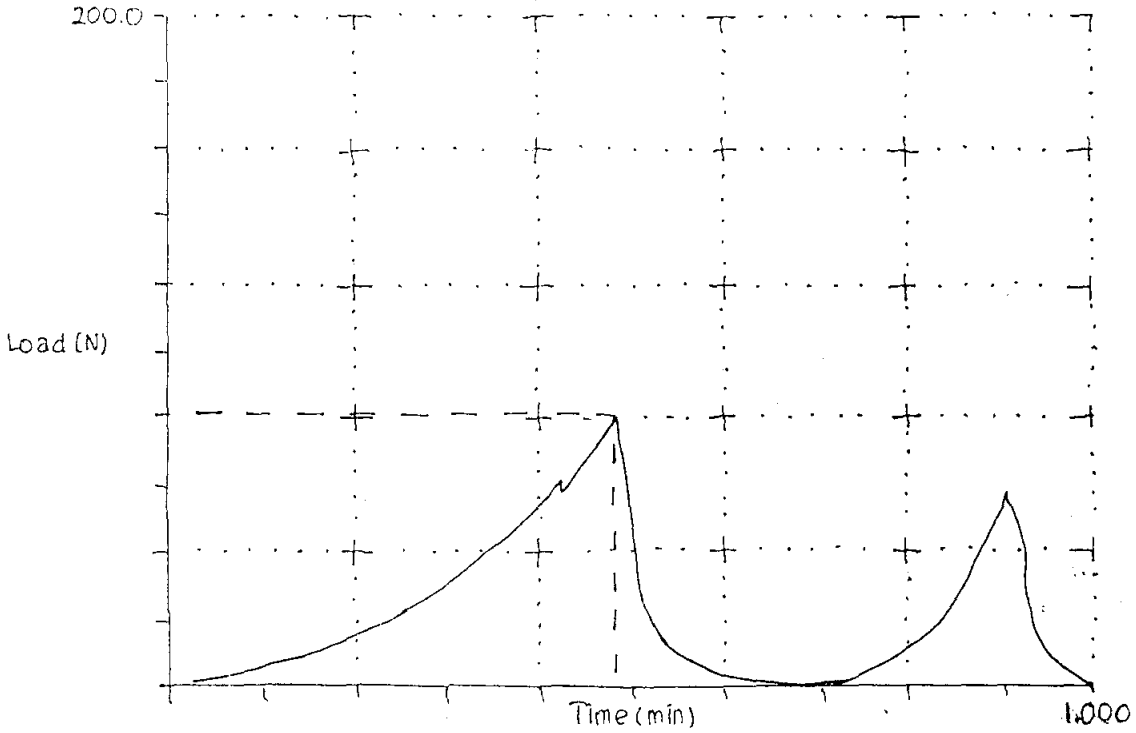
LLOYD INSTRUMENTS



F_{max}	A_{tmax}
(N)	(min)
101.18	0.3281

26 Aug 2003

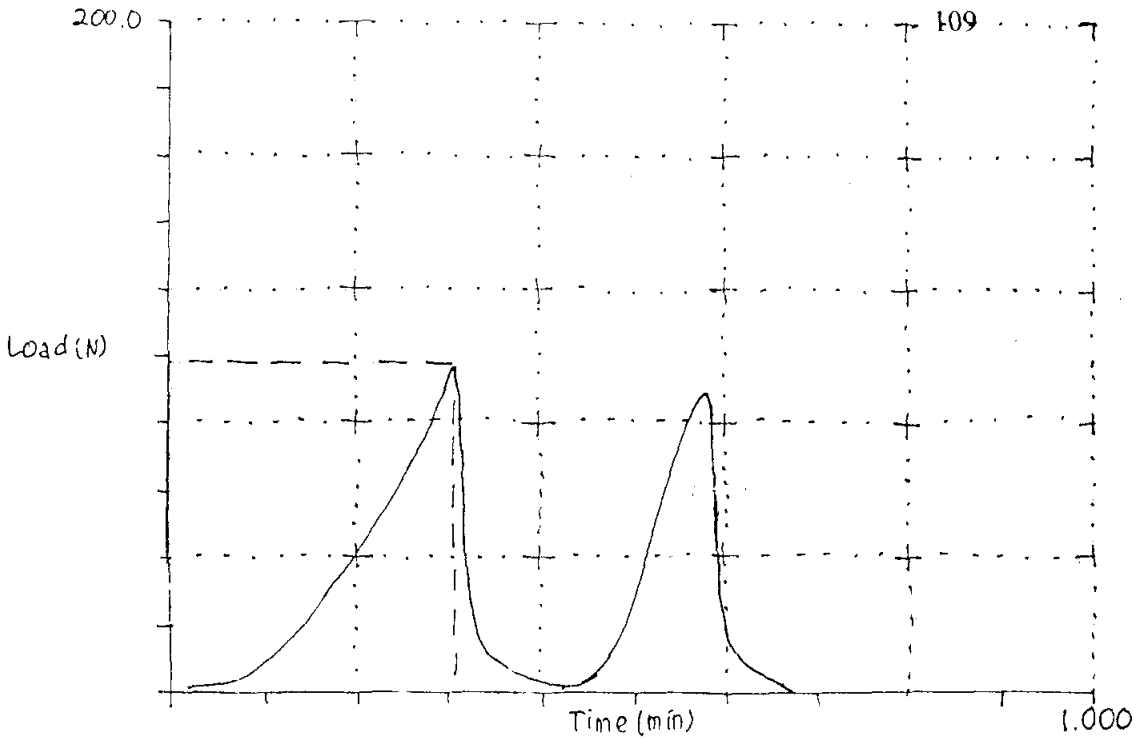
o Return.....ON
 o Zero.....ON
 le.....ON
 nt.....2
 er Cycle Limit...10.00 mm
 er Cycle Limit...6.000 mm
 ?.....Compression
 ensometer.....Internal
 : Speed30.00 mm/min
 n Speed100.0 mm/min
 ch20.00 mm
 ch15.00 mm
 ge Length30.00 mm
 a saved as file: A:\P42.CDA



F_{max}	t_{max}
(N)	(min)
80.96	0.3391

26 Aug 2003
 o Return.....ON
 o Zero.....ON
 le.....ON
 int.....2
 ver Cycle Limit...10.00 mm
 ver Cycle Limit...6.000 mm
 e.....Compression
 ensometer.....Internal
 t Speed30.00 mm/min
 h speed100.0 mm/min
 th20.00 mm
 th15.00 mm
 ge Length30.00 mm
 a saved as file: A:\P13.COA

LLOYD INSTRUMENTS



F _{max}	A _{t_{max}}
(N)	(min)
97.60	0.3090

26 Aug 2003

Return.....ON

Zero.....ON

le.....ON

nt.....2

er Cycle Limit...10.00 mm

er Cycle Limit...6.000 mm

z.....Compression

ensometer.....Internal

Speed.....30.00 mm/min

Speed.....100.0 mm/min

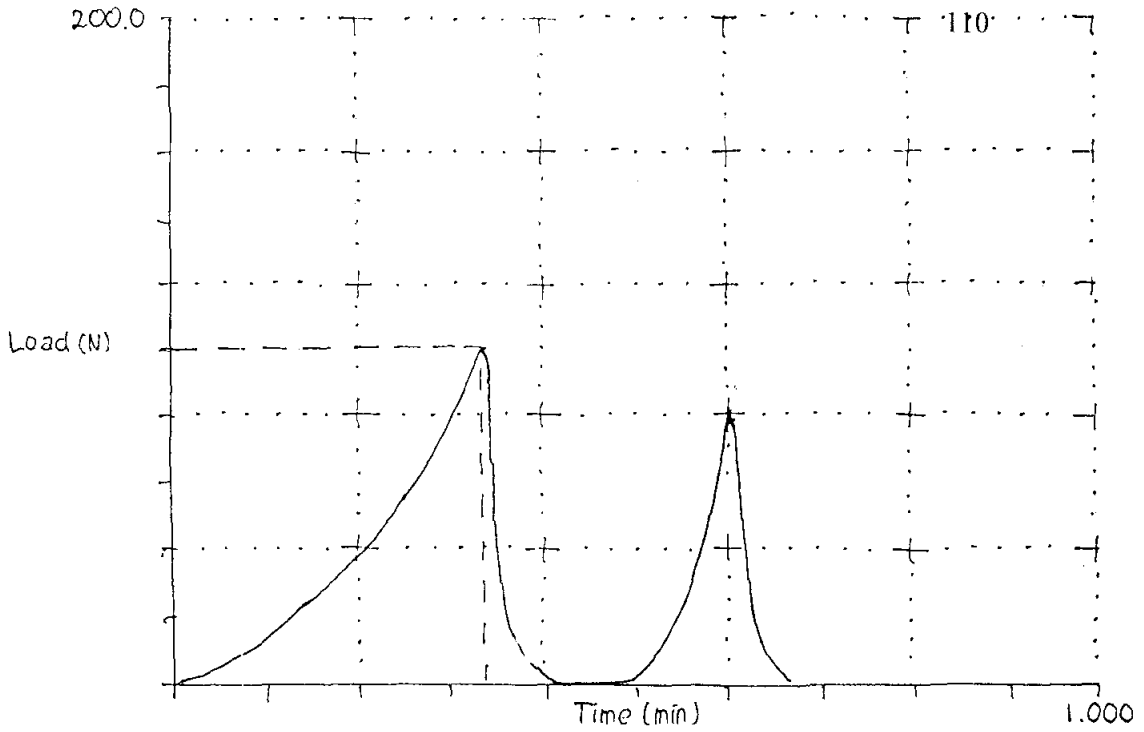
th.....20.00 mm

th.....15.00 mm

ge Length.....30.00 mm

a saved as file: A:\P23.CDA

LLOYD INSTRUMENTS



F _{max}	Δt _{max}
(N)	(min)
99.1	0.3351

26 Aug 2003

Return.....ON

Zero.....ON

le.....ON

nt.....2

er Cycle Limit...10.00 mm

er Cycle Limit...6.000 mm

z.....Compression

ensometer.....Internal

t Speed30.00 mm/min

h Speed100.0 mm/min

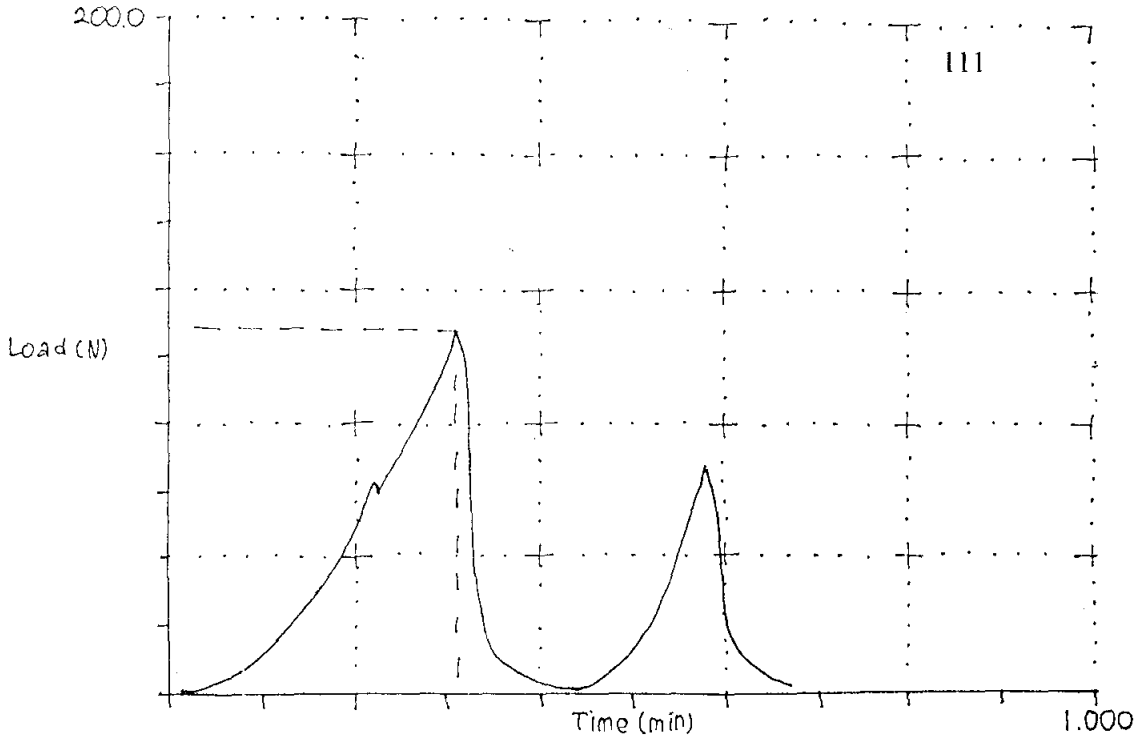
th20.00 mm

th15.00 mm

ge Length30.00 mm

a saved as file: A:\P33.CDA

LLOYD INSTRUMENTS



F_{max} Δt_{max}
(N) (min)

108.99 0.3142

26 Aug 2003
 o Return.....ON
 o Zero.....ON
 le.....ON
 nt.....2
 er Cycle Limit...10.00 mm
 er Cycle Limit...6.000 mm
 e.....Compression
 ensometer.....Internal
 t Speed30.00 mm/min
 h Speed100.0 mm/min
 th20.00 mm
 th15.00 mm
 ge length30.00 mm
 a saved as file: A:\P43.CDA