

	Zero	Gain
Pressure	166	3.42
F. force	7	1.46
Temp.	0	1
Speed	0	1.015
Speed-DA	0	0.98
Load	-111	1.02
Temp.	0	0
	0	0

Test program 0
 Test steps 3
 JOB No.: 1
 Test No: 1
 Material: AP001-59
 LOT: xx
 Operator: xx
 Test Date: 2020-8-31
 Test Time: 1:49:36 PM

ChangJia
 XingHao
 ShangBiao
 ShiYanJieGuo

	Thickne ss(mm)	Weight(g)	Thickne ss(mm)	Percentage	
Befor Test	5.7300	7.3100	5.770	0.000	Inin wear
After Test	5.1570	6.4760	5.730	0.000	Befor wear
Wear	0.5730	0.8340	5.690	0.000	After wear
Wear%	10.0000	11.4090	5.160	0.000	After second baseline
			5.170		
			5.140		

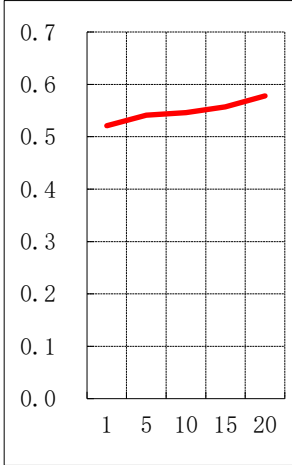
	Speed	Pressure	Ini.Temp	Temp.lim it	Load time	Release time	Sampling interval /Temp.	Number of brake
Run in	312	440	72	93	30	0	0.0	40
Initial wear	208	222	82	93	30	0	0.0	10
First Baseline	417	667	82	104	10	20	0.0	20
First fade	417	667	93	288	10	600	28.0	8
First recover	417	667	260	93	10	0	56.0	4
Wear	417	667	193	215	20	10	0.0	100
Second fade	417	667	93	343	10	600	28.0	10
Second recover	417	667	316	93	10	0	56.0	5
Second Baselin	417	667	82	104	10	20	0.0	20

FNUM 167

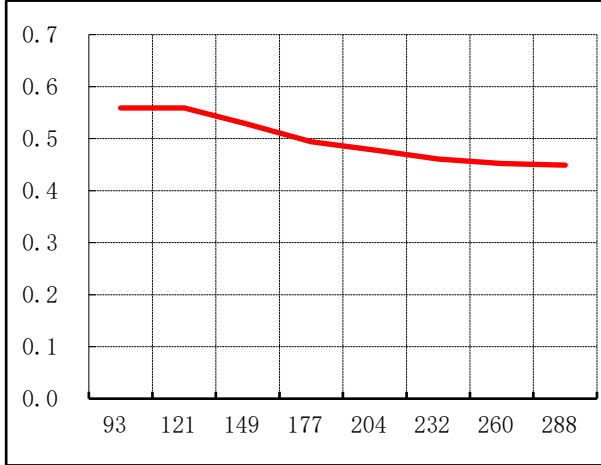
11112
 1
 0

HY206A CHASE SAE-J661 Friction Material Test Report

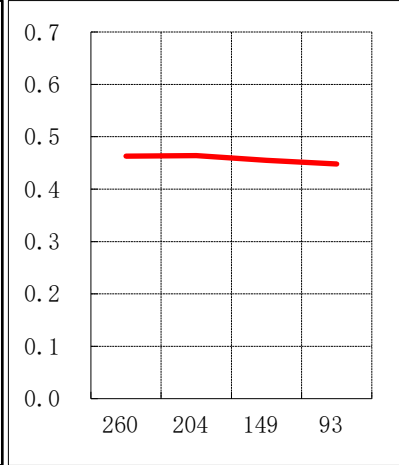
First Baseline



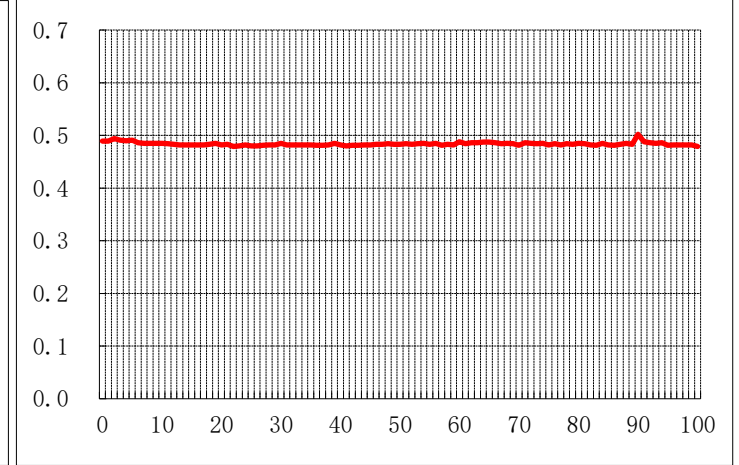
First Fade



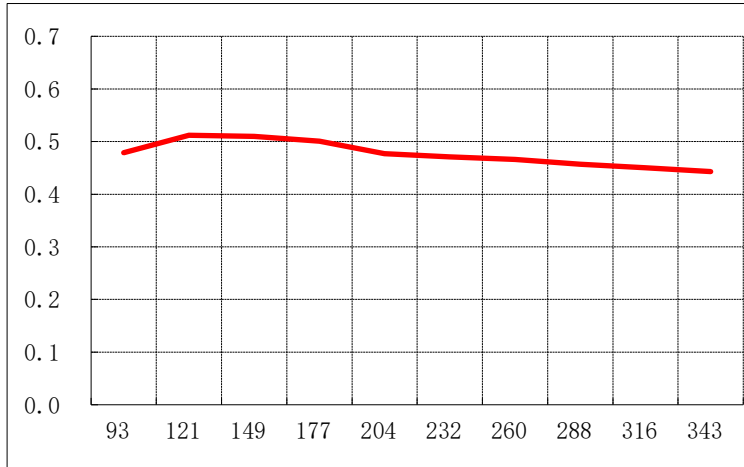
First Recovery



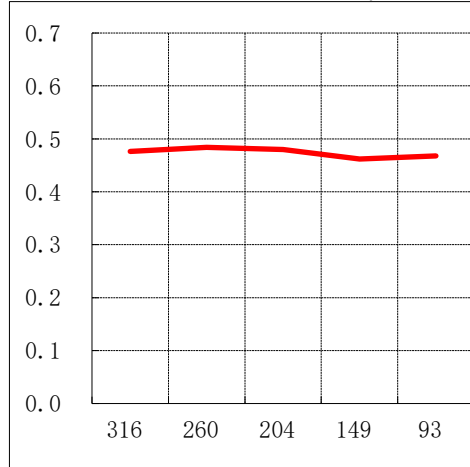
Wear



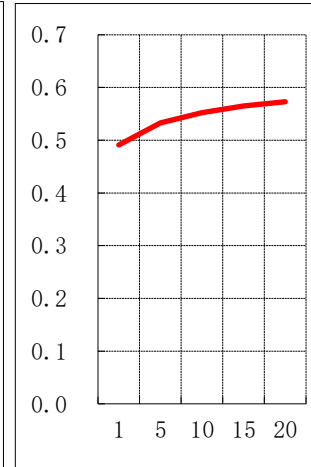
Second Fade



Second Recovery



Second Baseline



JOB NO:	1	
TEST NO:	1	
TEST DATE:	2020-8-31	
Material:	AP001-59	
LOT:	xx	
Standard:	SAE-J661	
Wear data		
Mass	Thickness	
g	mm	
Initial	5.7300	7.3100
End	5.1570	6.4760
Wear	0.5730	0.8340
Wear rate	10.0000	11.4090
Equipment:	HY206A	
Operator:	xx	

HY206A CHASE SAE-J661 Friction Material Test Report

Material	AP001-59				JOB NO	1				
LOT	xx				TEST NO	1				
Operator	xx				TEST DATE	2020-8-31				
Wear data	Initial			End		Wear		Wear rate(%)		
Mass(g)	7.310			6.476		0.834		11.409		
Thickness(mm)	5.730			5.157		0.573		10.000		
Percentage reading	0.000			0.000		0.000		#DIV/0!		
Coefficient of cold friction					0.495		G			
Coefficient of heat friction					0.463		G			
First Baseline					Second Baseline					
APPL	F. F	FORCE	TEMP. °C	μ	APPL	F. F	FORCE	TEMP. °C	μ	
1	345	662	90	0.521	1	326	664	91	0.491	
5	357	660	90	0.541	5	357	670	92	0.533	
10	361	661	91	0.546	10	371	672	92	0.552	
15	376	674	92	0.557	15	380	673	91	0.565	
20	395	683	92	0.578	20	387	676	92	0.573	
Befor wear Perc. reading			0.00		Wear		After wear Perc. reading			0.00
APPL	F. F	FORCE	TEMP. °C	μ	APPL	F. F	FORCE	TEMP. °C	μ	
1	322	659	203	0.489	60	327	670	203	0.488	
10	323	667	203	0.485	70	321	667	202	0.481	
20	319	663	203	0.482	80	321	663	202	0.485	
30	323	667	202	0.485	90	335	667	202	0.502	
40	321	665	202	0.482	100	322	673	203	0.479	
50	324	670	202	0.483						
First Fade					Second Fade					
APPL	F. F	FORCE	TEMP. °C	μ	APPL	F. F	FORCE	TEMP. °C	μ	
1	380	680	93	0.559	1	320	669	93	0.479	
2	374	668	121	0.559	2	342	668	121	0.512	
3	353	668	149	0.528	3	341	669	149	0.51	
4	328	665	177	0.494	4	335	668	177	0.501	
5	318	665	205	0.478	5	319	669	205	0.477	
6	308	668	233	0.461	6	315	669	233	0.471	
7	300	664	261	0.452	7	310	666	261	0.466	
8	300	667	289	0.449	8	304	664	289	0.457	
					9	301	668	317	0.45	
					10	295	668	345	0.443	
TIME	541.2				TIME	515.4				
First Recovery					Second Recovery					
APPL	F. F	FORCE	TEMP. °C	μ	APPL	F. F	FORCE	TEMP. °C	μ	
1	310	669	260	0.463	1	319	671	316	0.476	
2	316	681	204	0.464	2	329	680	260	0.484	
3	312	686	148	0.455	3	326	681	205	0.48	
4	308	687	92	0.448	4	315	682	149	0.462	
					5	318	681	94	0.468	

Audit:

HY206A CHASE SAE-J661 Friction Material Test Report

Material	AP001			JOB NO	1			
LOT	xx			TEST NO	1			
Operator	xx			TEST DATE	2020-8-31			
Wear data	Initial		End		Wear		Wear rate (%)	
Mass (g)	7.31		6.48		0.83		11.41	
Thickness (mm)	5.7300		5.1570		0.5730		10.0000	
Normal (μ)	0.495	G	Hot (μ)	0.463	G			
Δ (93°C) 2F	0.479		\diamond (204°C) 1R	0.464	\diamond (232°C) 2F	0.471	\diamond (260°C) 2R	0.484
Δ (121°C) 2F	0.512		\diamond (149°C) 1R	0.455	\diamond (260°C) 2F	0.466	\diamond (204°C) 2R	0.480
Δ (149°C) 2F	0.510				\diamond (288°C) 2F	0.457	\diamond (149°C) 2R	0.462
Δ (204°C) 2F	0.477				\diamond (316°C) 2F	0.450		
					\diamond (343°C) 2F	0.443		

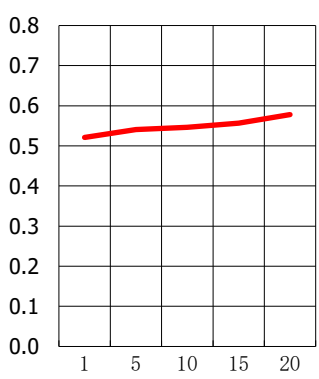
Audit:

JIN HEUNG BRAKE -LINK 2nd Revision

Manufacture: 2020-8-31
 Material: AP001-59
 Test Pressure:

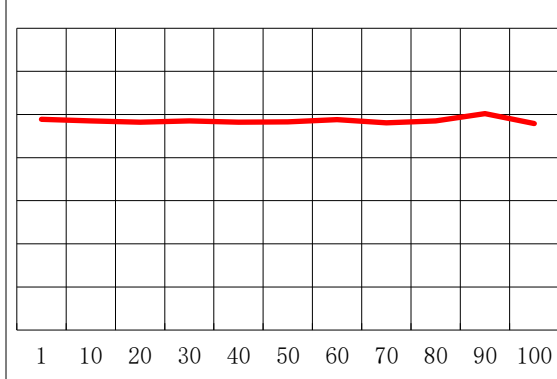
Coefficient of Friction

Initial Baseline



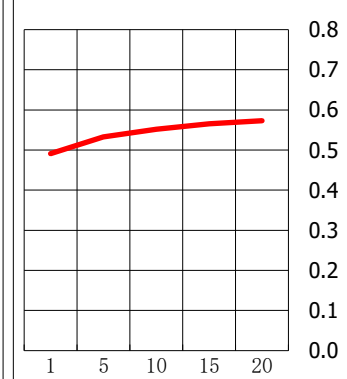
Application Number

Wear



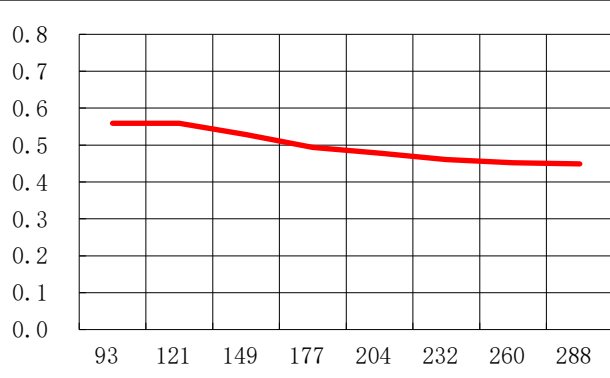
Application Number

Final Baseline



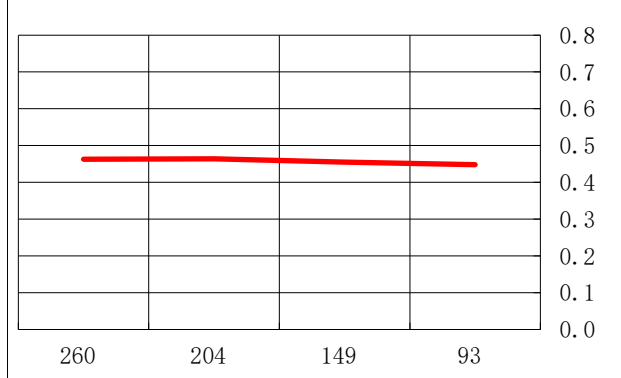
Application Number

First Fade



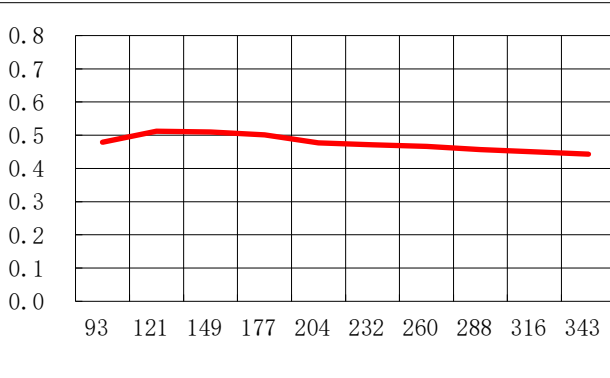
Temperature (°C)

First Recovery



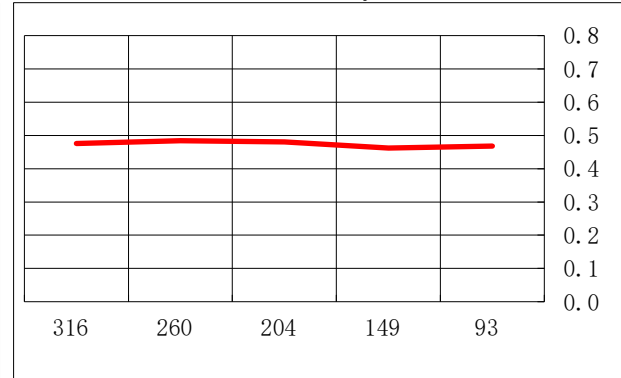
Temperature (°C)

Second Fade



Temperature (°C)

Second Recovery



Temperature (°C)

JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

Test Name : Samand Front Front-SBK2

Work Order No. :

Date : 2020-8-31

Tester : xx

Client :

Condition :

SUMMARY REPORT

First Base Line

Cycle	Temp.	Fric.
1	90.0	0.521
5	90.0	0.541
10	91.0	0.546
15	92.0	0.557
20	92.0	0.578
1st base Line μ		0.552
Max.		0.578
Min.		0.521

First Fade

Time	Temp.	Fric.
9.3	93.0	0.559
35.4	121.0	0.559
75.5	149.0	0.528
133.3	177.0	0.494
212.1	205.0	0.478
326.1	233.0	0.461
458.8	261.0	0.452
541.2	289.0	0.449
1st Fade μ		0.497
Max.		0.559
Min.		0.449

First Recovery

Time	Temp.	Fric.
40.5	260.0	0.463
121.4	204.0	0.464 H
226.5	148.0	0.455 H
385.7	92.0	0.448
1st Recovery μ		-100.00%
Max.		0.464 #DIV/0!
Min.		0.448 #DIV/0!

Note

Test Speed : 417rpm

Test Load : 667N

N= Normal

H= Hot

FRICION CLASSIFICATION

	Sum	Mean	Class
Normal(μ)	1.978	0.495	G
Hot(μ)	4.632	0.463	G

Group Code	Vehicle up to 2 tones
Specific Wear	1.46.E-07
m1-m2(gr)	0.834

Wear Test

Cycle	Temp.	Fric.
5	204.0	0.491
10	203.0	0.485
15	203.0	0.482
20	203.0	0.482
25	203.0	0.480
30	202.0	0.485
35	202.0	0.482
40	202.0	0.482
45	203.0	0.482
50	202.0	0.483
55	203.0	0.483
60	203.0	0.488
65	202.0	0.487
70	202.0	0.481
75	202.0	0.482
80	202.0	0.485
85	202.0	0.482
90	202.0	0.502
95	202.0	0.481
100	203.0	0.479

Wear Step μ	0.484
Max.	0.502
Min.	0.479

Second Fade

Time	Temp.	Fric.
13.0	93.0	0.479 N
41.5	121.0	0.512 N
80.0	149.0	0.510 N
123.6	177.0	0.501
182.4	205.0	0.477 N
246.3	233.0	0.471 H
325.2	261.0	0.466 H
399.2	289.0	0.457 H
459.9	317.0	0.450 H
515.4	345.0	0.443 H
2nd fade μ		-100.00%
Max.		0.502 #DIV/0!
Min.		0.521 #DIV/0!

Second Recovery

Time	Temp.	Fric.
42.0	316.0	0.476
111.5	260.0	0.484 H
192.5	205.0	0.480 H
297.7	149.0	0.462 H
453.5	94.0	0.468
2nd Recovery μ		-100.00%
Max.		0.502 #DIV/0!
Min.		0.521 #DIV/0!

Second Base Line

Time	Temp.	Fric.
1	91.0	0.491
5	92.0	0.533
10	92.0	0.552
15	91.0	0.565
20	92.0	0.573
2nd Baseline μ		0.547
Max.		0.578
Min.		0.491

Max.	0.578
Min.	0.491

JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

Test Name :

Work Order No. :

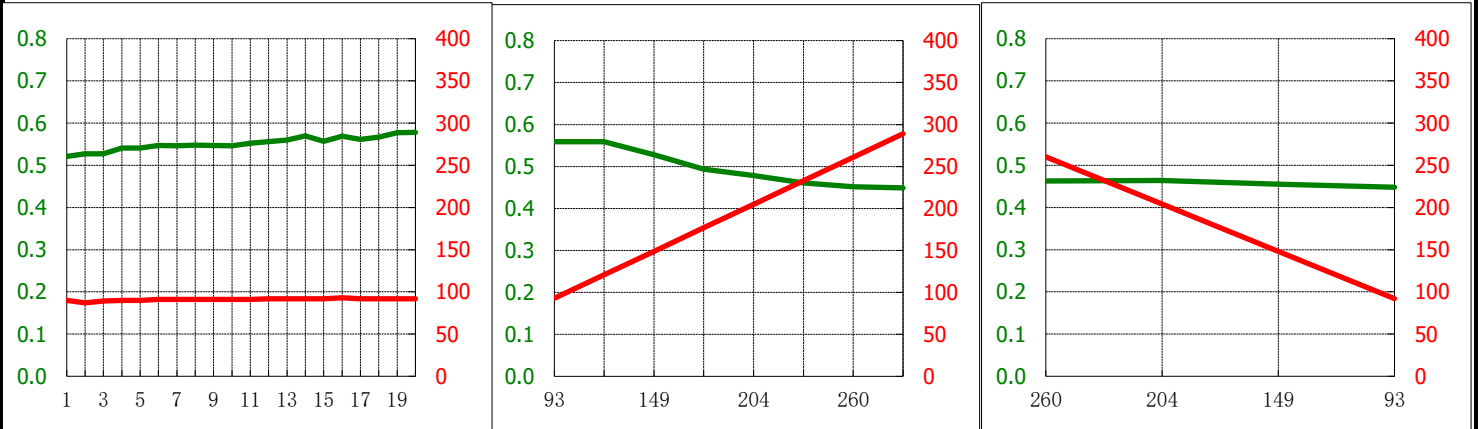
Date : 2020-8-31

Tester :

xx

Client :

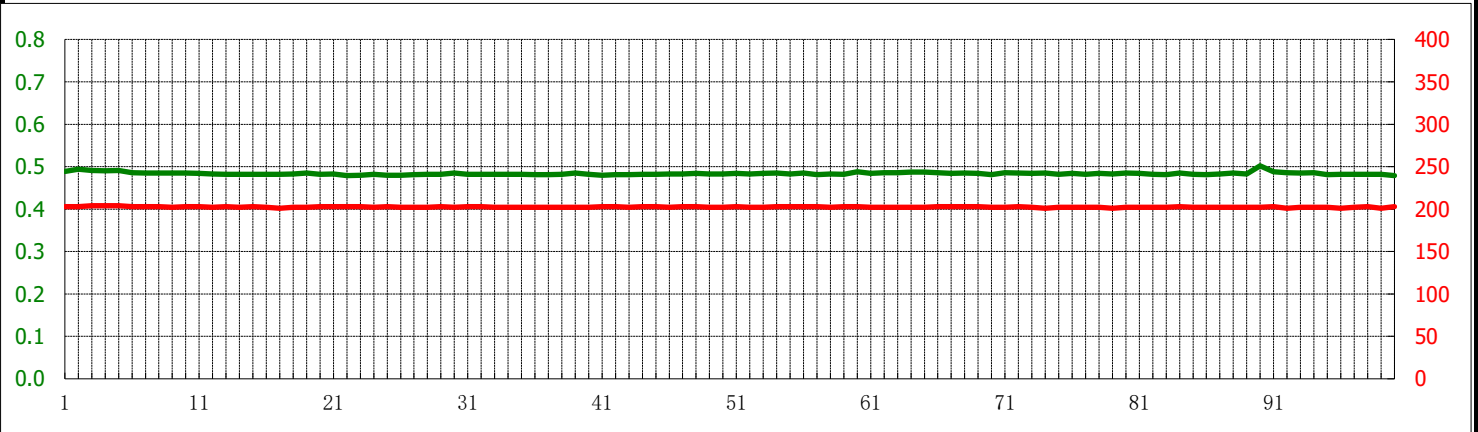
Condition :



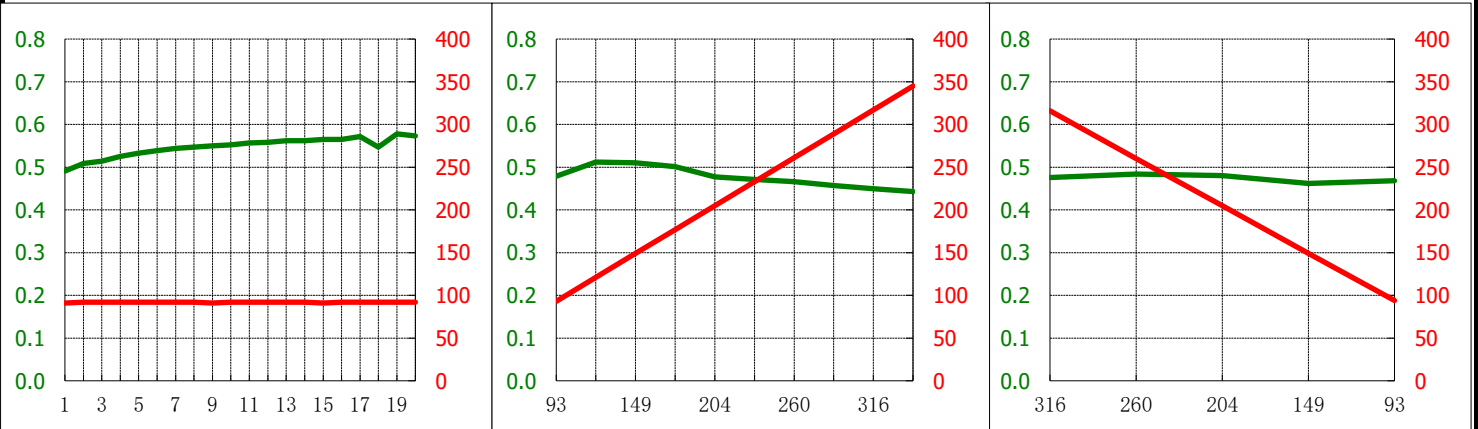
First Base Line

First Fade

First Recovery



Wear Test



Second Base Line

Second Fade

Second Recovery

Mechanical Changes:

	Start	Finish	Loss(mg)	Loss(%)
TICKNESS	5.730	5.157	0.573	10.0
MASS	7	6	1	11.4

Friction: — — —
Temp : — — —

JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

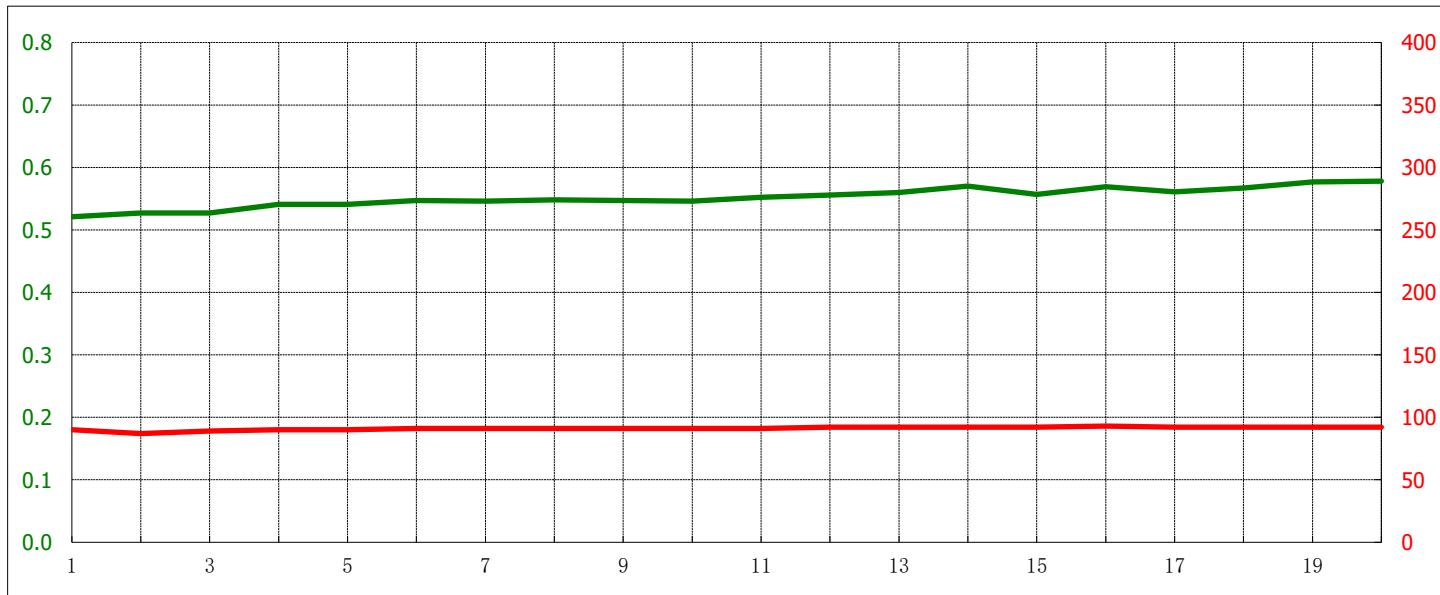
Test Name :
Date : 2020-8-31
Client :

Work Order No. :
Tester : xx
Condition :

First Base Line

Fric.Coeff.

Temp.(°C)



NO	Temp.	Fric.
1	90.0	0.521
2	87.0	0.527
3	89.0	0.527
4	90.0	0.541
5	90.0	0.541
6	91.0	0.547
7	91.0	0.546
8	91.0	0.548
9	91.0	0.547
10	91.0	0.546
11	91.0	0.552
12	92.0	0.556
13	92.0	0.560
14	92.0	0.570
15	92.0	0.557
16	93.0	0.569
17	92.0	0.561
18	92.0	0.567
19	92.0	0.577
20	92.0	0.578

Mean Fric.Coeff.= 0.552

Min Fric.Coeff.= 0.521

Max Fric.Coeff.= 0.578

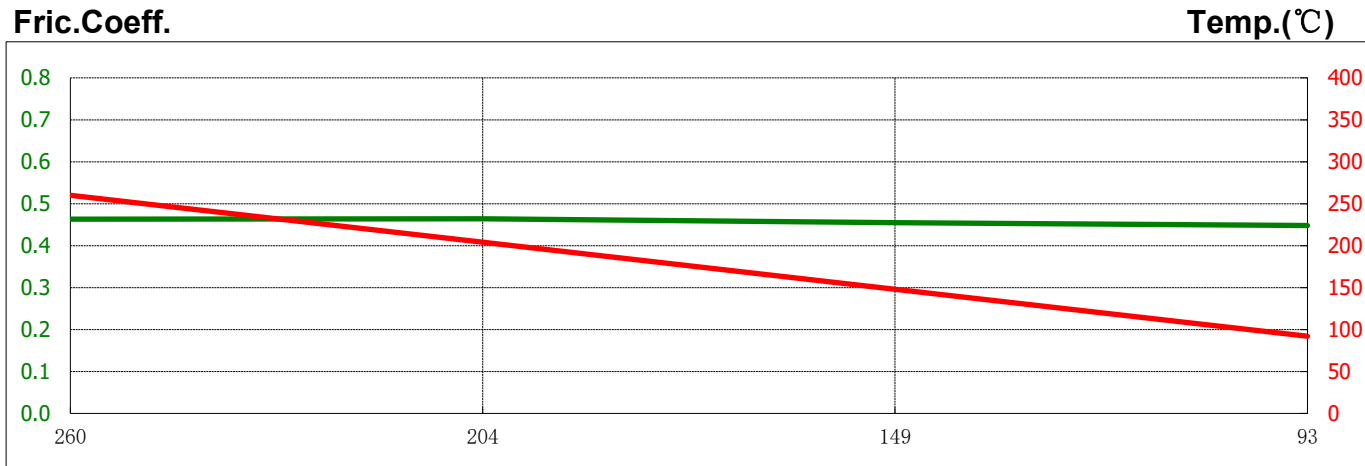
JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

Test Name :
Date : 2020-8-31
Client : x)

Work Order No. :
Tester :
Condition :

First Recovery



	Temp.(°C)	Fric.
40.5	260.0	0.463
121.4	204.0	0.464
226.5	148.0	0.455
385.7	92.0	0.448

Mean Fric.Coeff.= 0.458

Min Fric.Coeff.= 0.448

Max Fric.Coeff.= 0.464

JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

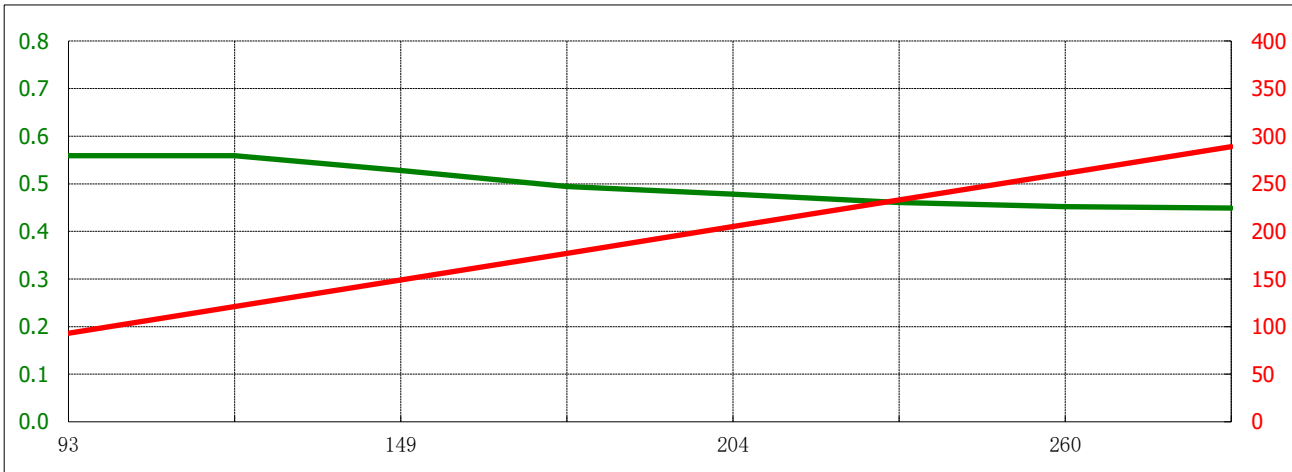
Test Name :
 Date : 2020-8-31
 Client :

Work Order No. :
 Tester : xx
 Condition :

First Fade

Fric.Coeff.

Temp.(°C)



	Temp.(°C)	Fric.
9.3	93.0	0.559
35.4	121.0	0.559
75.5	149.0	0.528
133.3	177.0	0.494
212.1	205.0	0.478
326.1	233.0	0.461
458.8	261.0	0.452
541.2	289.0	0.449

Mean Fric.Coeff.= 0.552

Min Fric.Coeff.= 0.449

Max Fric.Coeff.= 0.559

JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

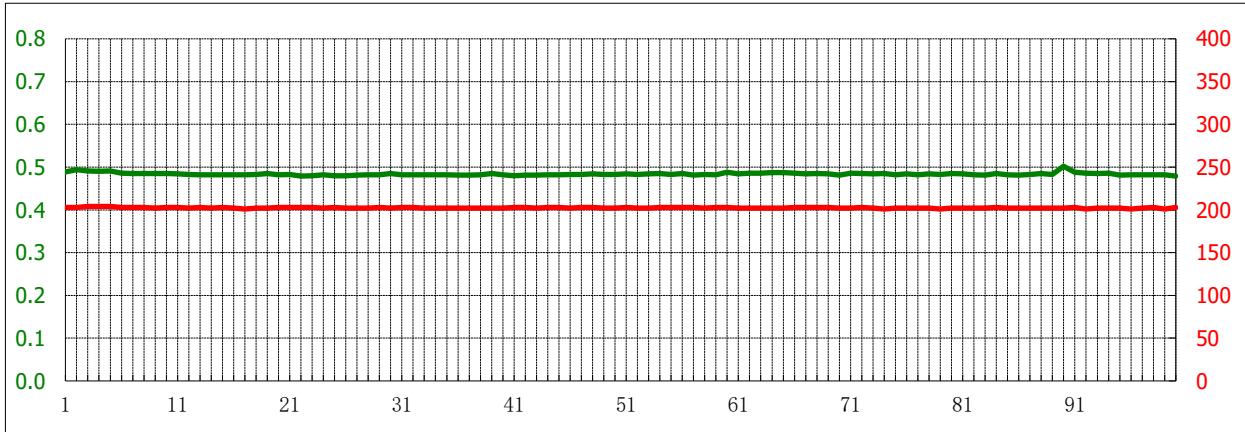
Test Name :
Date : 2020-8-31
Client :

Work Order No. :
Tester : xx
Condition :

Wear Run

Fric.Coeff.

Temp.(°C)



NO	Temp.	Fric.
5	204.0	0.491
10	203.0	0.485
15	203.0	0.482
20	203.0	0.482
25	203.0	0.480
30	202.0	0.485
35	202.0	0.482
40	202.0	0.482
45	203.0	0.482
50	202.0	0.483
55	203.0	0.483
60	203.0	0.488
65	202.0	0.487
70	202.0	0.481
75	202.0	0.482
80	202.0	0.485
85	202.0	0.482
90	202.0	0.502
95	202.0	0.481
100	203.0	0.479

Mean Fric.Coeff.= 0.484

Min Fric.Coeff.= 0.479

Max Fric.Coeff.= 0.502

JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

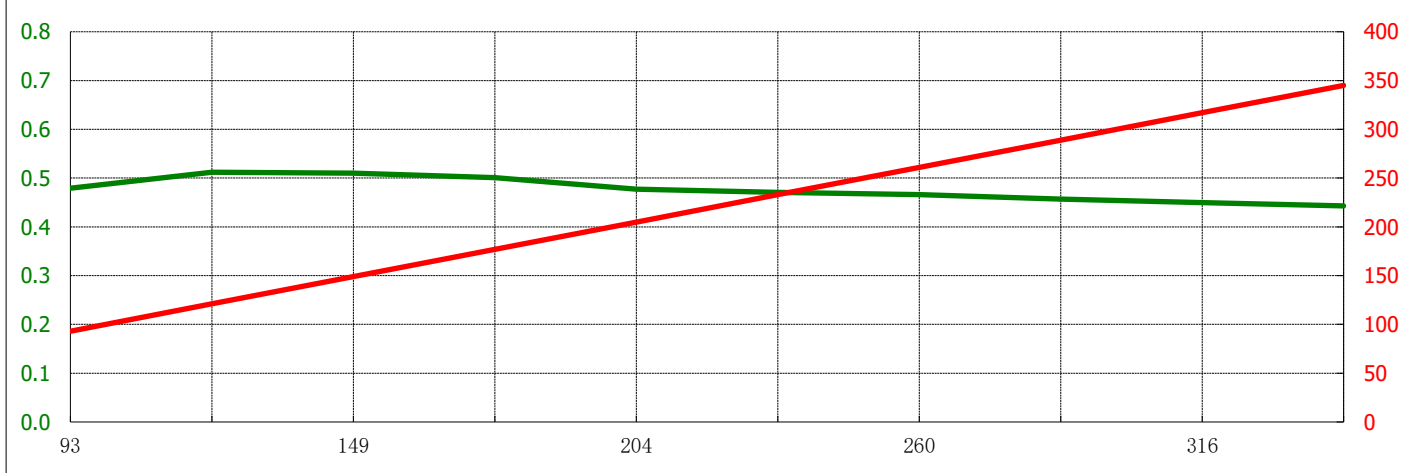
Test Name :
Date : 2020-8-31
Client :

Work Order No. :
Tester : xx
Condition :

Second Fade

Fric.Coeff.

Temp.(°C)



	Temp.(°C)	Fric.
13.0	93.0	0.479
41.5	121.0	0.512
80.0	149.0	0.510
123.6	177.0	0.501
182.4	205.0	0.477
246.3	233.0	0.471
325.2	261.0	0.466
399.2	289.0	0.457
459.9	317.0	0.450
515.4	345.0	0.443

Mean Fric.Coeff.= 0.477

Min Fric.Coeff.= 0.443

Max Fric.Coeff.= 0.512

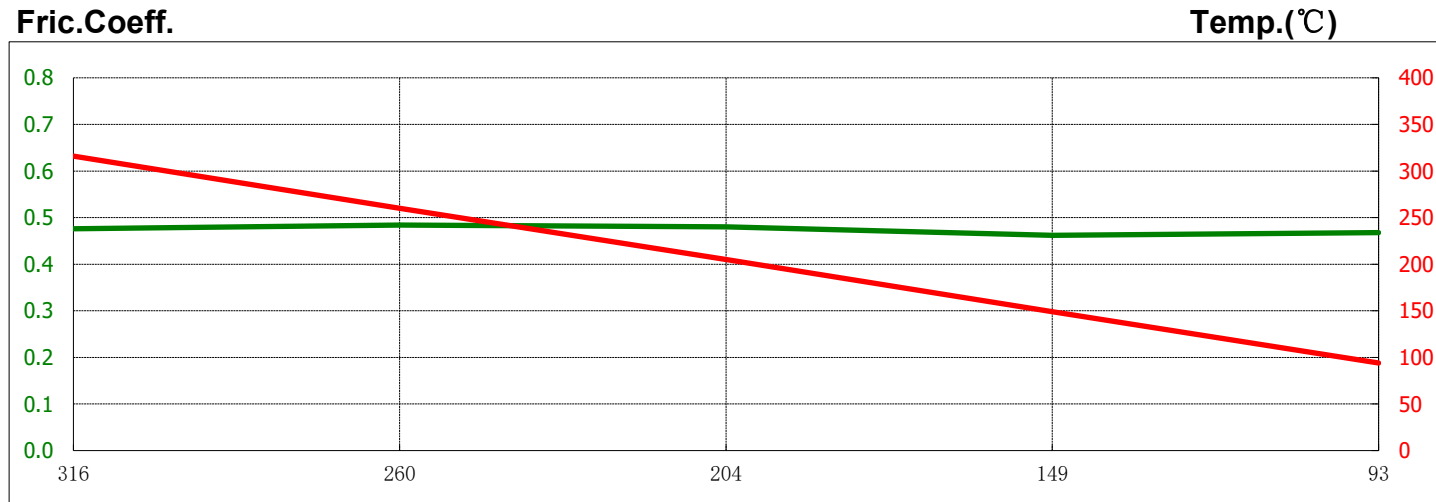
JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

Test Name :
Date : 2020-8-31
Client :

Work Order No. :
Tester : xx
Condition :

Second Recovery



	Temp.(°C)	Fric.
42.0	316.0	0.476
111.5	260.0	0.484
192.5	205.0	0.480
297.7	149.0	0.462
453.5	94.0	0.468

Mean Fric.Coeff.= 0.474
Min Fric.Coeff.= 0.462
Max Fric.Coeff.= 0.484

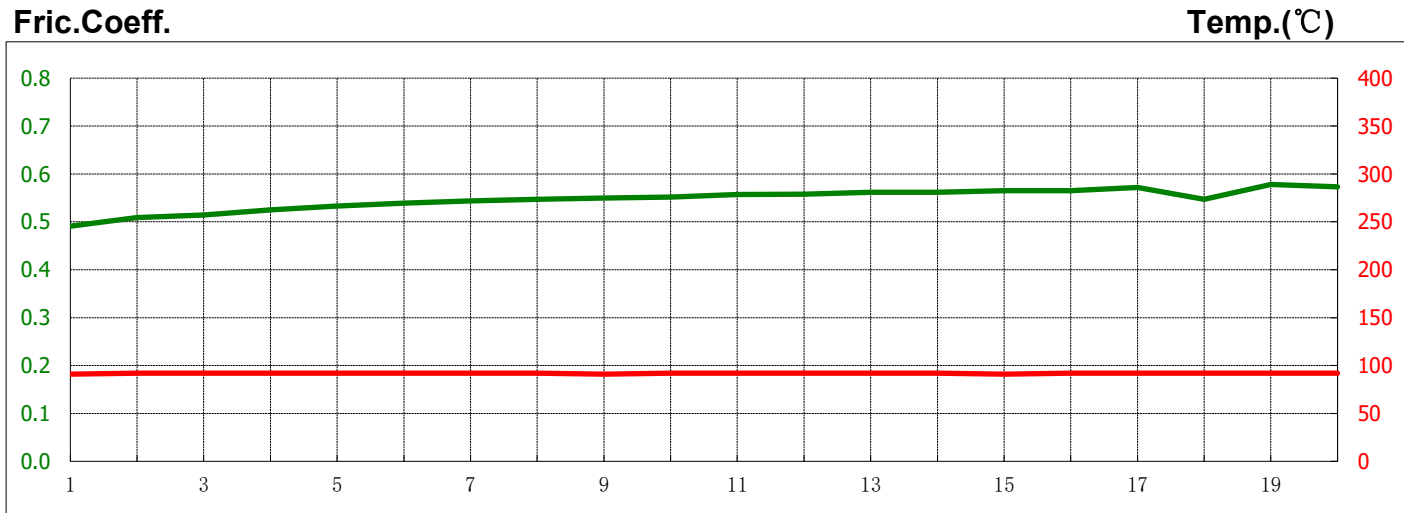
JIN HEUNG BRAKE - ISIRI No.586 2nd Revision

Brake Lining Quality Control Test Procedure

Test Name :
Date : 2020-8-31
Client :

Work Order No. :
Tester : xx
Condition :

Base Line Rerun



NO	Temp.	Fric.
1	91.0	0.491
2	92.0	0.509
3	92.0	0.514
4	92.0	0.525
5	92.0	0.533
6	92.0	0.539
7	92.0	0.544
8	92.0	0.547
9	91.0	0.550
10	92.0	0.552
11	92.0	0.557
12	92.0	0.558
13	92.0	0.562
14	92.0	0.562
15	91.0	0.565
16	92.0	0.565
17	92.0	0.572
18	92.0	0.547
19	92.0	0.578
20	92.0	0.573

Mean Fric.Coeff.= 0.547
Min Fric.Coeff.= 0.491
Max Fric.Coeff.= 0.578

Speed rpm	Force Nm	Load N	Temp. °C	U	Time s	NO Change	Record
				0.521		0	
415.0	345.0	662.0	90.0	0.521	0.000	1	20
415.0	351.0	665.0	87.0	0.527	0.000	2	20
420.0	349.0	664.0	89.0	0.527	0.000	3	20
415.0	357.0	659.0	90.0	0.541	0.000	4	20
415.0	357.0	660.0	90.0	0.541	0.000	5	20
419.0	360.0	657.0	91.0	0.547	0.000	6	20
415.0	362.0	663.0	91.0	0.546	0.000	7	20
419.0	364.0	665.0	91.0	0.548	0.000	8	20
415.0	361.0	661.0	91.0	0.547	0.000	9	20
420.0	361.0	661.0	91.0	0.546	0.000	10	20
415.0	364.0	659.0	91.0	0.552	0.000	11	20
420.0	370.0	665.0	92.0	0.556	0.000	12	20
415.0	375.0	670.0	92.0	0.560	0.000	13	20
415.0	384.0	673.0	92.0	0.570	0.000	14	20
420.0	376.0	674.0	92.0	0.557	0.000	15	20
416.0	383.0	674.0	93.0	0.569	0.000	16	20
415.0	379.0	675.0	92.0	0.561	0.000	17	20
420.0	385.0	679.0	92.0	0.567	0.000	18	20
415.0	392.0	679.0	92.0	0.577	0.000	19	20
415.0	395.0	683.0	92.0	0.578	0.000	20	20
419.0	380.0	680.0	93.0	0.559	9.300	93	8
415.0	374.0	668.0	121.0	0.559	35.400	121	8
420.0	353.0	668.0	149.0	0.528	75.500	149	8
415.0	328.0	665.0	177.0	0.494	133.300	177	8
420.0	318.0	665.0	205.0	0.478	212.100	204	8
415.0	308.0	668.0	233.0	0.461	326.100	232	8
417.0	300.0	664.0	261.0	0.452	458.800	260	8
417.0	300.0	667.0	289.0	0.449	541.200	288	8
417.0	310.0	669.0	260.0	0.463	40.500	260	4
418.0	316.0	681.0	204.0	0.464	121.400	204	4
418.0	312.0	686.0	148.0	0.455	226.500	149	4
418.0	308.0	687.0	92.0	0.448	385.700	93	4
				0.489		0	
419.0	322.0	659.0	203.0	0.489	0.000	1	100
415.0	328.0	664.0	203.0	0.494	0.000	2	100
419.0	325.0	663.0	204.0	0.491	0.000	3	100
415.0	325.0	663.0	204.0	0.490	0.000	4	100
419.0	328.0	668.0	204.0	0.491	0.000	5	100
415.0	322.0	664.0	203.0	0.486	0.000	6	100
419.0	321.0	662.0	203.0	0.485	0.000	7	100
415.0	321.0	663.0	203.0	0.485	0.000	8	100
420.0	323.0	666.0	202.0	0.485	0.000	9	100
415.0	323.0	667.0	203.0	0.485	0.000	10	100

415.0	325.0	673.0	203.0	0.484	0.000	11	100
420.0	325.0	674.0	202.0	0.483	0.000	12	100
415.0	323.0	670.0	203.0	0.482	0.000	13	100
420.0	320.0	664.0	202.0	0.482	0.000	14	100
416.0	320.0	664.0	203.0	0.482	0.000	15	100
415.0	323.0	671.0	202.0	0.482	0.000	16	100
415.0	325.0	674.0	201.0	0.482	0.000	17	100
420.0	323.0	667.0	202.0	0.483	0.000	18	100
415.0	325.0	671.0	202.0	0.485	0.000	19	100
420.0	319.0	663.0	203.0	0.482	0.000	20	100
416.0	319.0	661.0	203.0	0.483	0.000	21	100
415.0	320.0	667.0	203.0	0.479	0.000	22	100
415.0	320.0	667.0	203.0	0.480	0.000	23	100
420.0	323.0	670.0	202.0	0.482	0.000	24	100
415.0	321.0	668.0	203.0	0.480	0.000	25	100
420.0	321.0	668.0	202.0	0.480	0.000	26	100
415.0	318.0	662.0	202.0	0.481	0.000	27	100
416.0	323.0	670.0	202.0	0.482	0.000	28	100
415.0	322.0	669.0	203.0	0.482	0.000	29	100
420.0	323.0	667.0	202.0	0.485	0.000	30	100
415.0	320.0	664.0	203.0	0.482	0.000	31	100
420.0	321.0	665.0	203.0	0.482	0.000	32	100
415.0	322.0	669.0	202.0	0.482	0.000	33	100
415.0	321.0	666.0	202.0	0.482	0.000	34	100
420.0	324.0	672.0	202.0	0.482	0.000	35	100
415.0	318.0	662.0	202.0	0.481	0.000	36	100
420.0	320.0	665.0	202.0	0.481	0.000	37	100
415.0	322.0	668.0	202.0	0.482	0.000	38	100
415.0	324.0	668.0	202.0	0.485	0.000	39	100
420.0	321.0	665.0	202.0	0.482	0.000	40	100
415.0	320.0	668.0	203.0	0.480	0.000	41	100
420.0	322.0	669.0	203.0	0.481	0.000	42	100
415.0	322.0	670.0	202.0	0.481	0.000	43	100
415.0	323.0	671.0	203.0	0.482	0.000	44	100
419.0	320.0	663.0	203.0	0.482	0.000	45	100
415.0	323.0	668.0	202.0	0.483	0.000	46	100
420.0	321.0	664.0	203.0	0.483	0.000	47	100
416.0	322.0	666.0	203.0	0.484	0.000	48	100
415.0	320.0	662.0	202.0	0.483	0.000	49	100
419.0	324.0	670.0	202.0	0.483	0.000	50	100
415.0	321.0	663.0	203.0	0.484	0.000	51	100
420.0	324.0	670.0	202.0	0.483	0.000	52	100
415.0	323.0	668.0	202.0	0.484	0.000	53	100
415.0	326.0	672.0	203.0	0.485	0.000	54	100
420.0	320.0	662.0	203.0	0.483	0.000	55	100
415.0	322.0	663.0	203.0	0.485	0.000	56	100
420.0	319.0	662.0	203.0	0.481	0.000	57	100

415.0	321.0	665.0	202.0	0.483	0.000	58	100
415.0	322.0	667.0	203.0	0.482	0.000	59	100
420.0	327.0	670.0	203.0	0.488	0.000	60	100
415.0	323.0	667.0	202.0	0.484	0.000	61	100
420.0	326.0	670.0	202.0	0.486	0.000	62	100
415.0	326.0	671.0	202.0	0.486	0.000	63	100
415.0	324.0	665.0	202.0	0.487	0.000	64	100
420.0	322.0	662.0	202.0	0.487	0.000	65	100
415.0	324.0	666.0	203.0	0.486	0.000	66	100
419.0	324.0	671.0	203.0	0.484	0.000	67	100
415.0	323.0	666.0	203.0	0.485	0.000	68	100
419.0	323.0	667.0	203.0	0.484	0.000	69	100
415.0	321.0	667.0	202.0	0.481	0.000	70	100
420.0	324.0	667.0	202.0	0.486	0.000	71	100
415.0	325.0	671.0	203.0	0.485	0.000	72	100
415.0	322.0	666.0	202.0	0.484	0.000	73	100
420.0	323.0	666.0	201.0	0.485	0.000	74	100
416.0	320.0	665.0	202.0	0.482	0.000	75	100
415.0	324.0	671.0	202.0	0.484	0.000	76	100
420.0	321.0	666.0	202.0	0.482	0.000	77	100
415.0	324.0	670.0	202.0	0.484	0.000	78	100
415.0	322.0	668.0	201.0	0.483	0.000	79	100
420.0	321.0	663.0	202.0	0.485	0.000	80	100
415.0	323.0	666.0	202.0	0.484	0.000	81	100
420.0	321.0	667.0	202.0	0.482	0.000	82	100
415.0	319.0	663.0	202.0	0.481	0.000	83	100
415.0	325.0	670.0	203.0	0.485	0.000	84	100
420.0	321.0	666.0	202.0	0.482	0.000	85	100
415.0	319.0	662.0	202.0	0.481	0.000	86	100
419.0	323.0	670.0	202.0	0.483	0.000	87	100
415.0	322.0	665.0	202.0	0.485	0.000	88	100
420.0	323.0	670.0	202.0	0.483	0.000	89	100
415.0	335.0	667.0	202.0	0.502	0.000	90	100
415.0	327.0	670.0	203.0	0.488	0.000	91	100
420.0	322.0	663.0	201.0	0.486	0.000	92	100
415.0	323.0	666.0	202.0	0.485	0.000	93	100
420.0	326.0	671.0	202.0	0.486	0.000	94	100
415.0	321.0	669.0	202.0	0.481	0.000	95	100
415.0	322.0	667.0	201.0	0.482	0.000	96	100
419.0	324.0	672.0	202.0	0.482	0.000	97	100
416.0	321.0	667.0	203.0	0.482	0.000	98	100
415.0	322.0	669.0	201.0	0.482	0.000	99	100
419.0	322.0	673.0	203.0	0.479	0.000	100	100
415.0	320.0	669.0	93.0	0.479	13.000	93	10
415.0	342.0	668.0	121.0	0.512	41.500	121	10
420.0	341.0	669.0	149.0	0.510	80.000	149	10
415.0	335.0	668.0	177.0	0.501	123.600	177	10

420.0	319.0	669.0	205.0	0.477	182.400	204	10
415.0	315.0	669.0	233.0	0.471	246.300	232	10
416.0	310.0	666.0	261.0	0.466	325.200	260	10
415.0	304.0	664.0	289.0	0.457	399.200	288	10
420.0	301.0	668.0	317.0	0.450	459.900	316	10
415.0	295.0	668.0	345.0	0.443	515.400	343	10
420.0	319.0	671.0	316.0	0.476	41.969	316	5
415.0	329.0	680.0	260.0	0.484	111.453	260	5
419.0	326.0	681.0	205.0	0.480	192.484	204	5
415.0	315.0	682.0	149.0	0.462	297.687	149	5
420.0	318.0	681.0	94.0	0.468	453.484	93	5
				0.491		0	
415.0	326.0	664.0	91.0	0.491	0.000	1	20
419.0	338.0	664.0	92.0	0.509	0.000	2	20
415.0	342.0	665.0	92.0	0.514	0.000	3	20
419.0	354.0	673.0	92.0	0.525	0.000	4	20
415.0	357.0	670.0	92.0	0.533	0.000	5	20
419.0	358.0	665.0	92.0	0.539	0.000	6	20
415.0	364.0	669.0	92.0	0.544	0.000	7	20
419.0	368.0	672.0	92.0	0.547	0.000	8	20
415.0	367.0	668.0	91.0	0.550	0.000	9	20
419.0	371.0	672.0	92.0	0.552	0.000	10	20
415.0	371.0	666.0	92.0	0.557	0.000	11	20
419.0	374.0	671.0	92.0	0.558	0.000	12	20
415.0	378.0	673.0	92.0	0.562	0.000	13	20
419.0	377.0	671.0	92.0	0.562	0.000	14	20
415.0	380.0	673.0	91.0	0.565	0.000	15	20
420.0	376.0	666.0	92.0	0.565	0.000	16	20
416.0	380.0	665.0	92.0	0.572	0.000	17	20
415.0	366.0	668.0	92.0	0.547	0.000	18	20
415.0	386.0	669.0	92.0	0.578	0.000	19	20
419.0	387.0	676.0	92.0	0.573	0.000	20	20

First Fade						542	387 First Recovery		
No.	Speed rpm	FF N	Load Fo N	Temp. °C	U	Time s	Temp. N	Time s	
1	420.0	382.0	700.0	94.0	0.546	8.2	290	0	
2	420.0	382.0	700.0	94.0	0.546	8.2	290	1	
3	420.0	382.0	700.0	94.0	0.546	8.2	291	2	
4	420.0	382.0	700.0	94.0	0.546	8.2	290	3	
5	420.0	382.0	700.0	94.0	0.546	8.2	292	4	
6	420.0	382.0	700.0	94.0	0.546	8.2	288	5	
7	420.0	382.0	700.0	94.0	0.546	8.2	287	6	
8	420.0	382.0	700.0	94.0	0.546	8.2	286	7	
9	420.0	382.0	700.0	94.0	0.546	8.2	284	8	
10	420.0	384.0	669.0	96.0	0.574	9	283	9	
11	415.0	372.0	652.0	121.0	0.571	34.3	281	10	
12	415.0	372.0	652.0	121.0	0.571	34.3	280	11	
13	415.0	372.0	652.0	121.0	0.571	34.3	279	12	
14	415.0	372.0	652.0	121.0	0.571	34.3	277	13	
15	415.0	372.0	652.0	121.0	0.571	34.3	276	14	
16	415.0	372.0	652.0	121.0	0.571	34.3	275	15	
17	415.0	372.0	652.0	121.0	0.571	34.3	274	16	
18	415.0	372.0	652.0	121.0	0.571	34.3	273	17	
19	415.0	372.0	652.0	121.0	0.571	34.3	272	18	
20	415.0	372.0	652.0	121.0	0.571	34.3	271	19	
21	415.0	372.0	652.0	121.0	0.571	34.3	270	20	
22	415.0	372.0	652.0	121.0	0.571	34.3	269	21	
23	415.0	372.0	652.0	121.0	0.571	34.3	268	22	
24	415.0	372.0	652.0	121.0	0.571	34.3	267	23	
25	415.0	372.0	652.0	121.0	0.571	34.3	266	24	
26	415.0	372.0	652.0	121.0	0.571	34.3	265	25	
27	415.0	372.0	652.0	121.0	0.571	34.3	264	26	
28	415.0	372.0	652.0	121.0	0.571	34.3	264	27	
29	415.0	372.0	652.0	121.0	0.571	34.3	263	28	
30	415.0	372.0	652.0	121.0	0.571	34.3	261	29	
31	415.0	372.0	652.0	121.0	0.571	34.3	261	30	
32	415.0	372.0	652.0	121.0	0.571	34.3	257	36.3	
33	415.0	372.0	652.0	121.0	0.571	34.3	257	36.4	
34	415.0	372.0	652.0	121.0	0.571	34.3	257	36.5	
35	415.0	372.0	652.0	121.0	0.571	34.3	257	36.7	
36	415.0	373.0	678.0	121.0	0.550	35	257	36.8	
37	420.0	350.0	654.0	149.0	0.535	74.5	257	36.9	
38	420.0	350.0	654.0	149.0	0.535	74.5	257	37.1	
39	420.0	350.0	654.0	149.0	0.535	74.5	257	38	
40	420.0	350.0	654.0	149.0	0.535	74.5	258	39.1	
41	420.0	350.0	654.0	149.0	0.535	74.5	259	40.1	
42	420.0	350.0	654.0	149.0	0.535	74.5	258	41	
43	420.0	350.0	654.0	149.0	0.535	74.5	259	42	
44	420.0	350.0	654.0	149.0	0.535	74.5	259	43	
45	420.0	350.0	654.0	149.0	0.535	74.5	259	44	
46	420.0	350.0	654.0	149.0	0.535	74.5	258	45	
47	420.0	350.0	654.0	149.0	0.535	74.5	257	46	

48	420.0	350.0	654.0	149.0	0.535	74.5	256	47
49	420.0	350.0	654.0	149.0	0.535	74.5	255	48
50	420.0	350.0	654.0	149.0	0.535	74.5	253	49
51	420.0	350.0	654.0	149.0	0.535	74.5	252	50
52	420.0	350.0	654.0	149.0	0.535	74.5	251	51
53	420.0	350.0	654.0	149.0	0.535	74.5	250	52
54	420.0	350.0	654.0	149.0	0.535	74.5	250	53
55	420.0	350.0	654.0	149.0	0.535	74.5	251	54
56	420.0	350.0	654.0	149.0	0.535	74.5	248	55
57	420.0	350.0	654.0	149.0	0.535	74.5	247	56
58	420.0	350.0	654.0	149.0	0.535	74.5	246	57
59	420.0	350.0	654.0	149.0	0.535	74.5	245	58
60	420.0	350.0	654.0	149.0	0.535	74.5	244	59
61	420.0	350.0	654.0	149.0	0.535	74.5	244	60
62	420.0	350.0	654.0	149.0	0.535	74.5	243	61
63	420.0	350.0	654.0	149.0	0.535	74.5	242	62
64	420.0	350.0	654.0	149.0	0.535	74.5	241	63
65	420.0	350.0	654.0	149.0	0.535	74.5	240	64
66	420.0	350.0	654.0	149.0	0.535	74.5	239	65
67	420.0	350.0	654.0	149.0	0.535	74.5	237	66
68	420.0	350.0	654.0	149.0	0.535	74.5	237	67
69	420.0	350.0	654.0	149.0	0.535	74.5	236	68
70	420.0	350.0	654.0	149.0	0.535	74.5	236	69
71	420.0	350.0	654.0	149.0	0.535	74.5	234	70
72	420.0	350.0	654.0	149.0	0.535	74.5	234	71
73	420.0	350.0	654.0	149.0	0.535	74.5	233	72
74	420.0	350.0	654.0	149.0	0.535	74.5	233	73
75	420.0	350.0	654.0	149.0	0.535	74.5	232	74
76	419.0	352.0	660.0	149.0	0.533	75	231	75
77	415.0	333.0	673.0	177.0	0.495	132.3	230	76
78	415.0	329.0	658.0	177.0	0.500	132.4	229	77
79	415.0	329.0	655.0	177.0	0.502	132.5	228	78
80	415.0	327.0	659.0	176.0	0.496	132.5	228	79
81	415.0	325.0	672.0	176.0	0.484	132.6	224	80
82	416.0	329.0	675.0	177.0	0.487	132.7	226	81
83	417.0	326.0	663.0	177.0	0.492	132.8	227	82
84	416.0	328.0	653.0	177.0	0.502	132.9	225	83
85	415.0	328.0	651.0	177.0	0.504	133	223	84
86	415.0	328.0	662.0	177.0	0.495	133.1	224	85
87	415.0	328.0	676.0	177.0	0.485	133.1	222	86
88	415.0	326.0	677.0	176.0	0.482	133.2	222	87
89	413.0	329.0	666.0	176.0	0.494	133.3	221	88
90	413.0	329.0	666.0	176.0	0.494	133.7	219	89
91	420.0	321.0	683.0	205.0	0.470	211.1	219	90
92	420.0	321.0	683.0	205.0	0.470	211.1	219	91
93	420.0	321.0	683.0	205.0	0.470	211.1	218	92
94	420.0	321.0	683.0	205.0	0.470	211.1	217	93
95	420.0	321.0	683.0	205.0	0.470	211.1	216	94
96	420.0	321.0	683.0	205.0	0.470	211.1	216	95
97	420.0	321.0	683.0	205.0	0.470	211.1	215	96

98	420.0	321.0	683.0	205.0	0.470	211.1	216	97
99	420.0	321.0	683.0	205.0	0.470	211.1	213	98
100	420.0	321.0	683.0	205.0	0.470	211.1	213	99
101	420.0	321.0	683.0	205.0	0.470	211.1	212	100
102	420.0	321.0	683.0	205.0	0.470	211.1	211	101
103	420.0	321.0	683.0	205.0	0.470	211.1	210	102
104	420.0	321.0	683.0	205.0	0.470	211.1	211	103
105	420.0	321.0	683.0	205.0	0.470	211.1	209	104
106	420.0	321.0	683.0	205.0	0.470	211.1	208	105
107	420.0	321.0	683.0	205.0	0.470	211.1	208	106
108	420.0	321.0	683.0	205.0	0.470	211.1	207	107
109	420.0	321.0	683.0	205.0	0.470	211.1	206	108
110	420.0	321.0	683.0	205.0	0.470	211.1	205	109
111	420.0	321.0	683.0	205.0	0.470	211.1	205	110
112	420.0	321.0	683.0	205.0	0.470	211.1	205	111
113	420.0	321.0	683.0	205.0	0.470	211.1	202	117.1
114	420.0	321.0	683.0	205.0	0.470	211.1	202	117.2
115	420.0	321.0	683.0	205.0	0.470	211.1	202	117.3
116	420.0	321.0	683.0	205.0	0.470	211.1	202	117.5
117	420.0	321.0	683.0	205.0	0.470	211.1	200	117.6
118	420.0	321.0	683.0	205.0	0.470	211.1	200	117.8
119	420.0	321.0	683.0	205.0	0.470	211.1	203	118
120	420.0	321.0	683.0	205.0	0.470	211.1	202	119
121	420.0	321.0	683.0	205.0	0.470	211.1	203	120.1
122	420.0	321.0	683.0	205.0	0.470	211.1	204	121
123	420.0	321.0	683.0	205.0	0.470	211.1	204	122
124	420.0	321.0	683.0	205.0	0.470	211.1	204	123
125	420.0	321.0	683.0	205.0	0.470	211.1	206	124
126	420.0	321.0	683.0	205.0	0.470	211.1	205	125
127	420.0	321.0	683.0	205.0	0.470	211.1	205	126
128	420.0	321.0	683.0	205.0	0.470	211.1	204	127
129	420.0	321.0	683.0	205.0	0.470	211.1	202	128
130	420.0	321.0	683.0	205.0	0.470	211.1	202	129
131	420.0	321.0	683.0	205.0	0.470	211.1	200	130
132	420.0	321.0	683.0	205.0	0.470	211.1	200	131
133	420.0	321.0	683.0	205.0	0.470	211.1	199	132
134	420.0	321.0	683.0	205.0	0.470	211.1	198	133
135	420.0	321.0	683.0	205.0	0.470	211.1	198	134
136	420.0	321.0	683.0	205.0	0.470	211.1	197	135
137	420.0	321.0	683.0	205.0	0.470	211.1	196	136
138	420.0	321.0	683.0	205.0	0.470	211.1	196	137
139	420.0	321.0	683.0	205.0	0.470	211.1	195	138
140	420.0	321.0	683.0	205.0	0.470	211.1	193	139
141	420.0	321.0	683.0	205.0	0.470	211.1	193	140
142	420.0	321.0	683.0	205.0	0.470	211.1	192	141
143	420.0	321.0	683.0	205.0	0.470	211.1	191	142
144	420.0	321.0	683.0	205.0	0.470	211.1	190	143
145	420.0	321.0	683.0	205.0	0.470	211.1	190	144
146	420.0	321.0	683.0	205.0	0.470	211.1	190	145
147	420.0	321.0	683.0	205.0	0.470	211.1	188	146

148	420.0	321.0	683.0	205.0	0.470	211.1	188	147
149	420.0	321.0	683.0	205.0	0.470	211.1	187	148
150	420.0	321.0	683.0	205.0	0.470	211.1	187	149
151	420.0	321.0	683.0	205.0	0.470	211.1	185	150
152	420.0	321.0	683.0	205.0	0.470	211.1	185	151
153	420.0	321.0	683.0	205.0	0.470	211.1	184	152
154	420.0	321.0	683.0	205.0	0.470	211.1	184	153
155	420.0	321.0	683.0	205.0	0.470	211.1	184	154
156	420.0	321.0	683.0	205.0	0.470	211.1	183	155
157	420.0	321.0	683.0	205.0	0.470	211.1	182	156
158	420.0	321.0	683.0	205.0	0.470	211.1	181	157
159	420.0	321.0	683.0	205.0	0.470	211.1	181	158
160	420.0	321.0	683.0	205.0	0.470	211.1	180	159
161	420.0	321.0	683.0	205.0	0.470	211.1	179	160
162	420.0	321.0	683.0	205.0	0.470	211.1	179	161
163	420.0	321.0	683.0	205.0	0.470	211.1	177	162
164	420.0	321.0	683.0	205.0	0.470	211.1	178	163
165	420.0	321.0	683.0	205.0	0.470	211.1	177	164
166	420.0	321.0	683.0	205.0	0.470	211.1	176	165
167	420.0	321.0	683.0	205.0	0.470	211.1	175	166
168	420.0	321.0	683.0	205.0	0.470	211.1	175	167
169	420.0	321.0	683.0	205.0	0.470	211.1	174	168
170	420.0	321.0	683.0	205.0	0.470	211.1	174	169
171	420.0	321.0	683.0	205.0	0.470	211.1	173	170
172	420.0	321.0	683.0	205.0	0.470	211.1	173	171
173	420.0	321.0	683.0	205.0	0.470	211.1	172	172
174	420.0	321.0	683.0	205.0	0.470	211.1	171	173
175	420.0	321.0	683.0	205.0	0.470	211.1	171	174
176	420.0	321.0	683.0	205.0	0.470	211.1	170	175
177	420.0	321.0	683.0	205.0	0.470	211.1	170	176
178	420.0	321.0	683.0	205.0	0.470	211.1	169	177
179	420.0	321.0	683.0	205.0	0.470	211.1	168	178
180	420.0	321.0	683.0	205.0	0.470	211.1	168	179
181	420.0	321.0	683.0	205.0	0.470	211.1	167	180
182	420.0	321.0	683.0	205.0	0.470	211.1	167	181
183	420.0	321.0	683.0	205.0	0.470	211.1	167	182
184	420.0	321.0	683.0	205.0	0.470	211.1	165	183
185	420.0	321.0	683.0	205.0	0.470	211.1	165	184
186	420.0	321.0	683.0	205.0	0.470	211.1	165	185
187	420.0	321.0	683.0	205.0	0.470	211.1	163	186
188	420.0	321.0	683.0	205.0	0.470	211.1	164	187
189	420.0	321.0	683.0	205.0	0.470	211.1	163	188
190	420.0	321.0	683.0	205.0	0.470	211.1	163	189
191	420.0	321.0	683.0	205.0	0.470	211.1	162	190
192	420.0	321.0	683.0	205.0	0.470	211.1	161	191
193	420.0	321.0	683.0	205.0	0.470	211.1	161	192
194	420.0	321.0	683.0	205.0	0.470	211.1	161	193
195	420.0	321.0	683.0	205.0	0.470	211.1	160	194
196	420.0	321.0	683.0	205.0	0.470	211.1	159	195
197	420.0	321.0	683.0	205.0	0.470	211.1	159	196

198	420.0	321.0	683.0	205.0	0.470	211.1	158	197
199	420.0	321.0	683.0	205.0	0.470	211.1	158	198
200	420.0	321.0	683.0	205.0	0.470	211.1	157	199
201	420.0	321.0	683.0	205.0	0.470	211.1	157	200
202	420.0	321.0	683.0	205.0	0.470	211.1	157	201
203	420.0	321.0	683.0	205.0	0.470	211.1	156	202
204	420.0	321.0	683.0	205.0	0.470	211.1	155	203
205	420.0	321.0	683.0	205.0	0.470	211.1	155	204
206	420.0	321.0	683.0	205.0	0.470	211.1	155	205
207	420.0	321.0	683.0	205.0	0.470	211.1	155	206
208	420.0	321.0	683.0	205.0	0.470	211.1	153	207
209	420.0	321.0	683.0	205.0	0.470	211.1	153	208
210	420.0	321.0	683.0	205.0	0.470	211.1	152	209
211	420.0	321.0	683.0	205.0	0.470	211.1	152	210
212	420.0	321.0	683.0	205.0	0.470	211.1	152	211
213	420.0	319.0	675.0	205.0	0.473	212	151	212
214	416.0	311.0	679.0	233.0	0.458	325	151	213
215	416.0	311.0	679.0	233.0	0.458	325	150	214
216	416.0	311.0	679.0	233.0	0.458	325	149	215
217	416.0	311.0	679.0	233.0	0.458	325	149	216
218	416.0	311.0	679.0	233.0	0.458	325	148	221.7
219	416.0	311.0	679.0	233.0	0.458	325	148	221.8
220	416.0	311.0	679.0	233.0	0.458	325	147	222
221	416.0	311.0	679.0	233.0	0.458	325	148	222.1
222	416.0	311.0	679.0	233.0	0.458	325	147	222.2
223	416.0	311.0	679.0	233.0	0.458	325	148	222.4
224	416.0	311.0	679.0	233.0	0.458	325	148	223.1
225	416.0	311.0	679.0	233.0	0.458	325	149	224
226	416.0	311.0	679.0	233.0	0.458	325	149	225
227	416.0	311.0	679.0	233.0	0.458	325	150	226.1
228	416.0	311.0	679.0	233.0	0.458	325	152	227
229	416.0	311.0	679.0	233.0	0.458	325	152	228
230	416.0	311.0	679.0	233.0	0.458	325	152	229
231	416.0	311.0	679.0	233.0	0.458	325	153	230
232	416.0	311.0	679.0	233.0	0.458	325	152	231
233	416.0	311.0	679.0	233.0	0.458	325	151	232
234	416.0	311.0	679.0	233.0	0.458	325	151	233
235	416.0	311.0	679.0	233.0	0.458	325	150	234
236	416.0	311.0	679.0	233.0	0.458	325	149	235
237	416.0	311.0	679.0	233.0	0.458	325	148	236
238	416.0	311.0	679.0	233.0	0.458	325	148	237
239	416.0	311.0	679.0	233.0	0.458	325	147	238
240	416.0	311.0	679.0	233.0	0.458	325	147	239
241	416.0	311.0	679.0	233.0	0.458	325	147	240
242	416.0	311.0	679.0	233.0	0.458	325	145	241
243	416.0	311.0	679.0	233.0	0.458	325	144	242
244	416.0	311.0	679.0	233.0	0.458	325	144	243
245	416.0	311.0	679.0	233.0	0.458	325	144	244
246	416.0	311.0	679.0	233.0	0.458	325	143	245
247	416.0	311.0	679.0	233.0	0.458	325	143	246

248	416.0	311.0	679.0	233.0	0.458	325	143	247
249	416.0	311.0	679.0	233.0	0.458	325	141	248
250	416.0	311.0	679.0	233.0	0.458	325	141	249
251	416.0	311.0	679.0	233.0	0.458	325	141	250
252	416.0	311.0	679.0	233.0	0.458	325	140	251
253	416.0	311.0	679.0	233.0	0.458	325	139	252
254	416.0	311.0	679.0	233.0	0.458	325	139	253
255	416.0	311.0	679.0	233.0	0.458	325	139	254
256	416.0	311.0	679.0	233.0	0.458	325	138	255
257	416.0	311.0	679.0	233.0	0.458	325	138	256
258	416.0	311.0	679.0	233.0	0.458	325	137	257
259	416.0	311.0	679.0	233.0	0.458	325	137	258
260	416.0	311.0	679.0	233.0	0.458	325	136	259
261	416.0	311.0	679.0	233.0	0.458	325	135	260
262	416.0	311.0	679.0	233.0	0.458	325	135	261
263	416.0	311.0	679.0	233.0	0.458	325	134	262
264	416.0	311.0	679.0	233.0	0.458	325	135	263
265	416.0	311.0	679.0	233.0	0.458	325	134	264
266	416.0	311.0	679.0	233.0	0.458	325	134	265
267	416.0	311.0	679.0	233.0	0.458	325	133	266
268	416.0	311.0	679.0	233.0	0.458	325	130	267
269	416.0	311.0	679.0	233.0	0.458	325	133	268
270	416.0	311.0	679.0	233.0	0.458	325	132	269
271	416.0	311.0	679.0	233.0	0.458	325	132	270
272	416.0	311.0	679.0	233.0	0.458	325	131	271
273	416.0	311.0	679.0	233.0	0.458	325	130	272
274	416.0	311.0	679.0	233.0	0.458	325	130	273
275	416.0	311.0	679.0	233.0	0.458	325	130	274
276	416.0	311.0	679.0	233.0	0.458	325	129	275
277	416.0	311.0	679.0	233.0	0.458	325	128	276
278	416.0	311.0	679.0	233.0	0.458	325	128	277
279	416.0	311.0	679.0	233.0	0.458	325	128	278
280	416.0	311.0	679.0	233.0	0.458	325	127	279
281	416.0	311.0	679.0	233.0	0.458	325	127	280
282	416.0	311.0	679.0	233.0	0.458	325	126	281
283	416.0	311.0	679.0	233.0	0.458	325	126	282
284	416.0	311.0	679.0	233.0	0.458	325	125	283
285	416.0	311.0	679.0	233.0	0.458	325	125	284
286	416.0	311.0	679.0	233.0	0.458	325	124	285
287	416.0	311.0	679.0	233.0	0.458	325	124	286
288	416.0	311.0	679.0	233.0	0.458	325	126	287
289	416.0	311.0	679.0	233.0	0.458	325	123	288
290	416.0	311.0	679.0	233.0	0.458	325	124	289
291	416.0	311.0	679.0	233.0	0.458	325	122	290
292	416.0	311.0	679.0	233.0	0.458	325	121	291
293	416.0	311.0	679.0	233.0	0.458	325	122	292
294	416.0	311.0	679.0	233.0	0.458	325	121	293
295	416.0	311.0	679.0	233.0	0.458	325	120	294
296	416.0	311.0	679.0	233.0	0.458	325	120	295
297	416.0	311.0	679.0	233.0	0.458	325	120	296

298	416.0	311.0	679.0	233.0	0.458	325	119	297
299	416.0	311.0	679.0	233.0	0.458	325	119	298
300	416.0	311.0	679.0	233.0	0.458	325	119	299
301	416.0	311.0	679.0	233.0	0.458	325	118	300
302	416.0	311.0	679.0	233.0	0.458	325	116	301
303	416.0	311.0	679.0	233.0	0.458	325	117	302
304	416.0	311.0	679.0	233.0	0.458	325	117	303
305	416.0	311.0	679.0	233.0	0.458	325	116	304
306	416.0	311.0	679.0	233.0	0.458	325	116	305
307	416.0	311.0	679.0	233.0	0.458	325	116	306
308	416.0	311.0	679.0	233.0	0.458	325	115	307
309	416.0	311.0	679.0	233.0	0.458	325	115	308
310	416.0	311.0	679.0	233.0	0.458	325	114	309
311	416.0	311.0	679.0	233.0	0.458	325	114	310
312	416.0	311.0	679.0	233.0	0.458	325	113	311
313	416.0	311.0	679.0	233.0	0.458	325	113	312
314	416.0	311.0	679.0	233.0	0.458	325	113	313
315	416.0	311.0	679.0	233.0	0.458	325	113	314
316	416.0	311.0	679.0	233.0	0.458	325	112	315
317	416.0	311.0	679.0	233.0	0.458	325	112	316
318	416.0	311.0	679.0	233.0	0.458	325	111	317
319	416.0	311.0	679.0	233.0	0.458	325	111	318
320	416.0	311.0	679.0	233.0	0.458	325	111	319
321	416.0	311.0	679.0	233.0	0.458	325	109	320
322	416.0	311.0	679.0	233.0	0.458	325	109	321
323	416.0	311.0	679.0	233.0	0.458	325	109	322
324	416.0	311.0	679.0	233.0	0.458	325	109	323
325	416.0	311.0	679.0	233.0	0.458	325	109	324
326	416.0	311.0	679.0	233.0	0.458	325	108	325
327	415.0	307.0	680.0	232.0	0.451	326.1	108	326
328	417.0	300.0	675.0	261.0	0.444	457.7	107	327
329	417.0	300.0	675.0	261.0	0.444	457.7	107	328
330	417.0	300.0	675.0	261.0	0.444	457.7	107	329
331	417.0	300.0	675.0	261.0	0.444	457.7	107	330
332	417.0	300.0	675.0	261.0	0.444	457.7	104	331
333	417.0	300.0	675.0	261.0	0.444	457.7	106	332
334	417.0	300.0	675.0	261.0	0.444	457.7	106	333
335	417.0	300.0	675.0	261.0	0.444	457.7	105	334
336	417.0	300.0	675.0	261.0	0.444	457.7	105	335
337	417.0	300.0	675.0	261.0	0.444	457.7	105	336
338	417.0	300.0	675.0	261.0	0.444	457.7	104	337
339	417.0	300.0	675.0	261.0	0.444	457.7	104	338
340	417.0	300.0	675.0	261.0	0.444	457.7	104	339
341	417.0	300.0	675.0	261.0	0.444	457.7	102	340
342	417.0	300.0	675.0	261.0	0.444	457.7	103	341
343	417.0	300.0	675.0	261.0	0.444	457.7	102	342
344	417.0	300.0	675.0	261.0	0.444	457.7	102	343
345	417.0	300.0	675.0	261.0	0.444	457.7	102	344
346	417.0	300.0	675.0	261.0	0.444	457.7	101	345
347	417.0	300.0	675.0	261.0	0.444	457.7	101	346

348	417.0	300.0	675.0	261.0	0.444	457.7	101	347
349	417.0	300.0	675.0	261.0	0.444	457.7	101	348
350	417.0	300.0	675.0	261.0	0.444	457.7	101	349
351	417.0	300.0	675.0	261.0	0.444	457.7	100	350
352	417.0	300.0	675.0	261.0	0.444	457.7	100	351
353	417.0	300.0	675.0	261.0	0.444	457.7	99	352
354	417.0	300.0	675.0	261.0	0.444	457.7	99	353
355	417.0	300.0	675.0	261.0	0.444	457.7	99	354
356	417.0	300.0	675.0	261.0	0.444	457.7	99	355
357	417.0	300.0	675.0	261.0	0.444	457.7	98	356
358	417.0	300.0	675.0	261.0	0.444	457.7	98	357
359	417.0	300.0	675.0	261.0	0.444	457.7	98	358
360	417.0	300.0	675.0	261.0	0.444	457.7	97	359
361	417.0	300.0	675.0	261.0	0.444	457.7	97	360
362	417.0	300.0	675.0	261.0	0.444	457.7	97	361
363	417.0	300.0	675.0	261.0	0.444	457.7	96	362
364	417.0	300.0	675.0	261.0	0.444	457.7	96	363
365	417.0	300.0	675.0	261.0	0.444	457.7	96	364
366	417.0	300.0	675.0	261.0	0.444	457.7	95	365
367	417.0	300.0	675.0	261.0	0.444	457.7	95	366
368	417.0	300.0	675.0	261.0	0.444	457.7	95	367
369	417.0	300.0	675.0	261.0	0.444	457.7	94	368
370	417.0	300.0	675.0	261.0	0.444	457.7	94	369
371	417.0	300.0	675.0	261.0	0.444	457.7	94	370
372	417.0	300.0	675.0	261.0	0.444	457.7	94	371
373	417.0	300.0	675.0	261.0	0.444	457.7	93	372
374	417.0	300.0	675.0	261.0	0.444	457.7	95	373
375	417.0	300.0	675.0	261.0	0.444	457.7	93	374.1
376	417.0	300.0	675.0	261.0	0.444	457.7	93	375
377	417.0	300.0	675.0	261.0	0.444	457.7	93	381.4
378	417.0	300.0	675.0	261.0	0.444	457.7	93	381.6
379	417.0	300.0	675.0	261.0	0.444	457.7	95	381.7
380	417.0	300.0	675.0	261.0	0.444	457.7	93	381.8
381	417.0	300.0	675.0	261.0	0.444	457.7	93	382
382	417.0	300.0	675.0	261.0	0.444	457.7	93	382.1
383	417.0	300.0	675.0	261.0	0.444	457.7	93	382.2
384	417.0	300.0	675.0	261.0	0.444	457.7	94	383.1
385	417.0	300.0	675.0	261.0	0.444	457.7	95	384
386	417.0	300.0	675.0	261.0	0.444	457.7	96	385
387	417.0	300.0	675.0	261.0	0.444	457.7	97	386.1
388	417.0	300.0	675.0	261.0	0.444	457.7		
389	417.0	300.0	675.0	261.0	0.444	457.7		
390	417.0	300.0	675.0	261.0	0.444	457.7		
391	417.0	300.0	675.0	261.0	0.444	457.7		
392	417.0	300.0	675.0	261.0	0.444	457.7		
393	417.0	300.0	675.0	261.0	0.444	457.7		
394	417.0	300.0	675.0	261.0	0.444	457.7		
395	417.0	300.0	675.0	261.0	0.444	457.7		
396	417.0	300.0	675.0	261.0	0.444	457.7		
397	417.0	300.0	675.0	261.0	0.444	457.7		

448	417.0	300.0	675.0	261.0	0.444	457.7
449	417.0	300.0	675.0	261.0	0.444	457.7
450	417.0	300.0	675.0	261.0	0.444	457.7
451	417.0	300.0	675.0	261.0	0.444	457.7
452	417.0	300.0	675.0	261.0	0.444	457.7
453	417.0	300.0	675.0	261.0	0.444	457.7
454	417.0	300.0	675.0	261.0	0.444	457.7
455	417.0	300.0	675.0	261.0	0.444	457.7
456	417.0	300.0	675.0	261.0	0.444	457.7
457	417.0	300.0	675.0	261.0	0.444	457.7
458	417.0	300.0	675.0	261.0	0.444	457.7
459	416.0	301.0	650.0	261.0	0.463	458.1
460	418.0	303.0	677.0	261.0	0.448	459.3
461	418.0	305.0	678.0	289.0	0.450	540.1
462	418.0	305.0	678.0	289.0	0.450	540.1
463	418.0	305.0	678.0	289.0	0.450	540.1
464	418.0	305.0	678.0	289.0	0.450	540.1
465	418.0	305.0	678.0	289.0	0.450	540.1
466	418.0	305.0	678.0	289.0	0.450	540.1
467	418.0	305.0	678.0	289.0	0.450	540.1
468	418.0	305.0	678.0	289.0	0.450	540.1
469	418.0	305.0	678.0	289.0	0.450	540.1
470	418.0	305.0	678.0	289.0	0.450	540.1
471	418.0	305.0	678.0	289.0	0.450	540.1
472	418.0	305.0	678.0	289.0	0.450	540.1
473	418.0	305.0	678.0	289.0	0.450	540.1
474	418.0	305.0	678.0	289.0	0.450	540.1
475	418.0	305.0	678.0	289.0	0.450	540.1
476	418.0	305.0	678.0	289.0	0.450	540.1
477	418.0	305.0	678.0	289.0	0.450	540.1
478	418.0	305.0	678.0	289.0	0.450	540.1
479	418.0	305.0	678.0	289.0	0.450	540.1
480	418.0	305.0	678.0	289.0	0.450	540.1
481	418.0	305.0	678.0	289.0	0.450	540.1
482	418.0	305.0	678.0	289.0	0.450	540.1
483	418.0	305.0	678.0	289.0	0.450	540.1
484	418.0	305.0	678.0	289.0	0.450	540.1
485	418.0	305.0	678.0	289.0	0.450	540.1
486	418.0	305.0	678.0	289.0	0.450	540.1
487	418.0	305.0	678.0	289.0	0.450	540.1
488	418.0	305.0	678.0	289.0	0.450	540.1
489	418.0	305.0	678.0	289.0	0.450	540.1
490	418.0	305.0	678.0	289.0	0.450	540.1
491	418.0	305.0	678.0	289.0	0.450	540.1
492	418.0	305.0	678.0	289.0	0.450	540.1
493	418.0	305.0	678.0	289.0	0.450	540.1
494	418.0	305.0	678.0	289.0	0.450	540.1
495	418.0	305.0	678.0	289.0	0.450	540.1
496	418.0	305.0	678.0	289.0	0.450	540.1
497	418.0	305.0	678.0	289.0	0.450	540.1

498	418.0	305.0	678.0	289.0	0.450	540.1
499	418.0	305.0	678.0	289.0	0.450	540.1
500	418.0	305.0	678.0	289.0	0.450	540.1
501	418.0	305.0	678.0	289.0	0.450	540.1
502	418.0	305.0	678.0	289.0	0.450	540.1
503	418.0	305.0	678.0	289.0	0.450	540.1
504	418.0	305.0	678.0	289.0	0.450	540.1
505	418.0	305.0	678.0	289.0	0.450	540.1
506	418.0	305.0	678.0	289.0	0.450	540.1
507	418.0	305.0	678.0	289.0	0.450	540.1
508	418.0	305.0	678.0	289.0	0.450	540.1
509	418.0	305.0	678.0	289.0	0.450	540.1
510	418.0	305.0	678.0	289.0	0.450	540.1
511	418.0	305.0	678.0	289.0	0.450	540.1
512	418.0	305.0	678.0	289.0	0.450	540.1
513	418.0	305.0	678.0	289.0	0.450	540.1
514	418.0	305.0	678.0	289.0	0.450	540.1
515	418.0	305.0	678.0	289.0	0.450	540.1
516	418.0	305.0	678.0	289.0	0.450	540.1
517	418.0	305.0	678.0	289.0	0.450	540.1
518	418.0	305.0	678.0	289.0	0.450	540.1
519	418.0	305.0	678.0	289.0	0.450	540.1
520	418.0	305.0	678.0	289.0	0.450	540.1
521	418.0	305.0	678.0	289.0	0.450	540.1
522	418.0	305.0	678.0	289.0	0.450	540.1
523	418.0	305.0	678.0	289.0	0.450	540.1
524	418.0	305.0	678.0	289.0	0.450	540.1
525	418.0	305.0	678.0	289.0	0.450	540.1
526	418.0	305.0	678.0	289.0	0.450	540.1
527	418.0	305.0	678.0	289.0	0.450	540.1
528	418.0	305.0	678.0	289.0	0.450	540.1
529	418.0	305.0	678.0	289.0	0.450	540.1
530	418.0	305.0	678.0	289.0	0.450	540.1
531	418.0	305.0	678.0	289.0	0.450	540.1
532	418.0	305.0	678.0	289.0	0.450	540.1
533	418.0	305.0	678.0	289.0	0.450	540.1
534	418.0	305.0	678.0	289.0	0.450	540.1
535	418.0	305.0	678.0	289.0	0.450	540.1
536	418.0	305.0	678.0	289.0	0.450	540.1
537	418.0	305.0	678.0	289.0	0.450	540.1
538	418.0	305.0	678.0	289.0	0.450	540.1
539	418.0	305.0	678.0	289.0	0.450	540.1
540	418.0	305.0	678.0	289.0	0.450	540.1
541	418.0	305.0	678.0	289.0	0.450	540.1
542	416.0	297.0	665.0	289.0	0.447	541.1

No.	Speed rpm	Second Fade			516.000	454	Second Recovery	
		FF N	Load N	Forc Temp. °C	U	Time s	Temp. N	Time s
1	415.000	321	656	94.000	0.489	11.9	345	0
2	415.000	321	656	94.000	0.489	11.9	346	1
3	415.000	321	656	94.000	0.489	11.9	347	2
4	415.000	321	656	94.000	0.489	11.9	347	3
5	415.000	321	656	94.000	0.489	11.9	346	4
6	415.000	321	656	94.000	0.489	11.9	345	5
7	415.000	321	656	94.000	0.489	11.9	344	6
8	415.000	321	656	94.000	0.489	11.9	344	7
9	415.000	321	656	94.000	0.489	11.9	342	8
10	415.000	321	656	94.000	0.489	11.9	341	9
11	415.000	321	656	94.000	0.489	11.9	339	10
12	415.000	321	656	94.000	0.489	11.9	338	11
13	413.000	321	678	94.000	0.473	12	337	12
14	415.000	321	665	95.000	0.483	13.5	335	13
15	415.000	342	672	121.000	0.509	40.4	335	14
16	415.000	342	672	121.000	0.509	40.4	333	15
17	415.000	342	672	121.000	0.509	40.4	332	16
18	415.000	342	672	121.000	0.509	40.4	332	17
19	415.000	342	672	121.000	0.509	40.4	330	18
20	415.000	342	672	121.000	0.509	40.4	329	19
21	415.000	342	672	121.000	0.509	40.4	328	20
22	415.000	342	672	121.000	0.509	40.4	326	21
23	415.000	342	672	121.000	0.509	40.4	326	22
24	415.000	342	672	121.000	0.509	40.4	325	23
25	415.000	342	672	121.000	0.509	40.4	324	24
26	415.000	342	672	121.000	0.509	40.4	323	25
27	415.000	342	672	121.000	0.509	40.4	322	26
28	415.000	342	672	121.000	0.509	40.4	321	27
29	415.000	342	672	121.000	0.509	40.4	320	28
30	415.000	342	672	121.000	0.509	40.4	318	29
31	415.000	342	672	121.000	0.509	40.4	318	30
32	415.000	342	672	121.000	0.509	40.4	317	31
33	415.000	342	672	121.000	0.509	40.4	312	37.1
34	415.000	342	672	121.000	0.509	40.4	312	37.3
35	415.000	342	672	121.000	0.509	40.4	312	37.4
36	415.000	342	672	121.000	0.509	40.4	312	37.5
37	415.000	342	672	121.000	0.509	40.4	312	37.6
38	415.000	342	672	121.000	0.509	40.4	312	37.7
39	415.000	342	672	121.000	0.509	40.4	312	38.1
40	415.000	342	672	121.000	0.509	40.4	312	39.1
41	415.000	342	672	121.000	0.509	40.4	314	40.1
42	415.000	343	682	121.000	0.503	41	313	41.1
43	419.000	337	657	149.000	0.513	78.9	313	42.4
44	419.000	337	657	149.000	0.513	78.9	313	43
45	419.000	337	657	149.000	0.513	78.9	314	44
46	419.000	337	657	149.000	0.513	78.9	314	45
47	419.000	337	657	149.000	0.513	78.9	313	46

48	419.000	337	657	149.000	0.513	78.9	312	47
49	419.000	337	657	149.000	0.513	78.9	311	48
50	419.000	337	657	149.000	0.513	78.9	310	49
51	419.000	337	657	149.000	0.513	78.9	309	50
52	419.000	337	657	149.000	0.513	78.9	308	51
53	419.000	337	657	149.000	0.513	78.9	306	52
54	419.000	337	657	149.000	0.513	78.9	307	53
55	419.000	337	657	149.000	0.513	78.9	305	54
56	419.000	337	657	149.000	0.513	78.9	303	55
57	419.000	337	657	149.000	0.513	78.9	302	56
58	419.000	337	657	149.000	0.513	78.9	301	57
59	419.000	337	657	149.000	0.513	78.9	301	58
60	419.000	337	657	149.000	0.513	78.9	299	59
61	419.000	337	657	149.000	0.513	78.9	298	60
62	419.000	337	657	149.000	0.513	78.9	297	61
63	419.000	337	657	149.000	0.513	78.9	296	62
64	419.000	337	657	149.000	0.513	78.9	295	63
65	419.000	337	657	149.000	0.513	78.9	297	64
66	419.000	337	657	149.000	0.513	78.9	293	65
67	419.000	337	657	149.000	0.513	78.9	292	66
68	419.000	337	657	149.000	0.513	78.9	291	67
69	419.000	337	657	149.000	0.513	78.9	290	68
70	419.000	337	657	149.000	0.513	78.9	289	69
71	419.000	337	657	149.000	0.513	78.9	289	70
72	419.000	337	657	149.000	0.513	78.9	286	71
73	419.000	337	657	149.000	0.513	78.9	286	72
74	419.000	337	657	149.000	0.513	78.9	284	73
75	419.000	337	657	149.000	0.513	78.9	286	74
76	419.000	337	657	149.000	0.513	78.9	284	75
77	419.000	337	657	149.000	0.513	78.9	283	76
78	419.000	337	657	149.000	0.513	78.9	282	77
79	419.000	337	657	149.000	0.513	78.9	280	78
80	419.000	338	679	149.000	0.498	79.1	279	79
81	419.000	343	673	150.000	0.510	80.4	279	80
82	415.000	338	671	177.000	0.504	122.6	278	81
83	415.000	338	671	177.000	0.504	122.6	277	82
84	415.000	338	671	177.000	0.504	122.6	276	83
85	415.000	338	671	177.000	0.504	122.6	275	84
86	415.000	338	671	177.000	0.504	122.6	274	85
87	415.000	338	671	177.000	0.504	122.6	274	86
88	415.000	338	671	177.000	0.504	122.6	273	87
89	415.000	338	671	177.000	0.504	122.6	272	88
90	415.000	338	671	177.000	0.504	122.6	271	89
91	415.000	338	671	177.000	0.504	122.6	270	90
92	415.000	338	671	177.000	0.504	122.6	270	91
93	415.000	338	671	177.000	0.504	122.6	268	92
94	415.000	338	671	177.000	0.504	122.6	267	93
95	415.000	338	671	177.000	0.504	122.6	267	94
96	415.000	338	671	177.000	0.504	122.6	267	95
97	415.000	338	671	177.000	0.504	122.6	265	96

98	415.000	338	671	177.000	0.504	122.6	264	97
99	415.000	338	671	177.000	0.504	122.6	264	98
100	415.000	338	671	177.000	0.504	122.6	263	99
101	415.000	338	671	177.000	0.504	122.6	262	100
102	415.000	338	671	177.000	0.504	122.6	261	101
103	415.000	338	671	177.000	0.504	122.6	257	107.1
104	415.000	338	671	177.000	0.504	122.6	258	107.2
105	415.000	338	671	177.000	0.504	122.6	257	107.4
106	415.000	338	671	177.000	0.504	122.6	257	107.5
107	415.000	338	671	177.000	0.504	122.6	257	107.6
108	415.000	338	671	177.000	0.504	122.6	256	107.8
109	415.000	338	671	177.000	0.504	122.6	257	108
110	415.000	338	671	177.000	0.504	122.6	258	109.1
111	415.000	338	671	177.000	0.504	122.6	259	110.1
112	415.000	338	671	177.000	0.504	122.6	259	111.1
113	415.000	338	671	177.000	0.504	122.6	258	112
114	415.000	338	671	177.000	0.504	122.6	260	113
115	415.000	338	671	177.000	0.504	122.6	259	114
116	415.000	338	671	177.000	0.504	122.6	260	115
117	415.000	338	671	177.000	0.504	122.6	259	116
118	415.000	338	671	177.000	0.504	122.6	257	117
119	415.000	338	671	177.000	0.504	122.6	257	118
120	415.000	338	671	177.000	0.504	122.6	255	119
121	415.000	338	671	177.000	0.504	122.6	254	120
122	415.000	338	671	177.000	0.504	122.6	253	121
123	415.000	338	671	177.000	0.504	122.6	252	122
124	415.000	337	663	177.000	0.508	123	252	123
125	415.000	336	674	177.000	0.499	124.1	251	124
126	420.000	316	653	205.000	0.484	181.4	250	125
127	420.000	316	653	205.000	0.484	181.4	248	126
128	420.000	316	653	205.000	0.484	181.4	248	127
129	420.000	316	653	205.000	0.484	181.4	246	128
130	420.000	316	653	205.000	0.484	181.4	246	129
131	420.000	316	653	205.000	0.484	181.4	245	130
132	420.000	316	653	205.000	0.484	181.4	246	131
133	420.000	316	653	205.000	0.484	181.4	243	132
134	420.000	316	653	205.000	0.484	181.4	242	133
135	420.000	316	653	205.000	0.484	181.4	241	134
136	420.000	316	653	205.000	0.484	181.4	241	135
137	420.000	316	653	205.000	0.484	181.4	238	136
138	420.000	316	653	205.000	0.484	181.4	239	137
139	420.000	316	653	205.000	0.484	181.4	238	138
140	420.000	316	653	205.000	0.484	181.4	236	139
141	420.000	316	653	205.000	0.484	181.4	237	140
142	420.000	316	653	205.000	0.484	181.4	235	141
143	420.000	316	653	205.000	0.484	181.4	235	142
144	420.000	316	653	205.000	0.484	181.4	233	143
145	420.000	316	653	205.000	0.484	181.4	233	144
146	420.000	316	653	205.000	0.484	181.4	233	145
147	420.000	316	653	205.000	0.484	181.4	231	146

148	420.000	316	653	205.000	0.484	181.4	231	147
149	420.000	316	653	205.000	0.484	181.4	230	148
150	420.000	316	653	205.000	0.484	181.4	229	149
151	420.000	316	653	205.000	0.484	181.4	228	150
152	420.000	316	653	205.000	0.484	181.4	228	151
153	420.000	316	653	205.000	0.484	181.4	227	152
154	420.000	316	653	205.000	0.484	181.4	225	153
155	420.000	316	653	205.000	0.484	181.4	225	154
156	420.000	316	653	205.000	0.484	181.4	225	155
157	420.000	316	653	205.000	0.484	181.4	224	156
158	420.000	316	653	205.000	0.484	181.4	222	157
159	420.000	316	653	205.000	0.484	181.4	222	158
160	420.000	316	653	205.000	0.484	181.4	221	159
161	420.000	316	653	205.000	0.484	181.4	221	160
162	420.000	316	653	205.000	0.484	181.4	220	161
163	420.000	316	653	205.000	0.484	181.4	219	162
164	420.000	316	653	205.000	0.484	181.4	218	163
165	420.000	316	653	205.000	0.484	181.4	217	164
166	420.000	316	653	205.000	0.484	181.4	215	165
167	420.000	316	653	205.000	0.484	181.4	216	166
168	420.000	316	653	205.000	0.484	181.4	215	167
169	420.000	316	653	205.000	0.484	181.4	215	168
170	420.000	316	653	205.000	0.484	181.4	215	169
171	420.000	316	653	205.000	0.484	181.4	213	170
172	420.000	316	653	205.000	0.484	181.4	213	171
173	420.000	316	653	205.000	0.484	181.4	211	172
174	420.000	316	653	205.000	0.484	181.4	211	173
175	420.000	316	653	205.000	0.484	181.4	210	174
176	420.000	316	653	205.000	0.484	181.4	209	175
177	420.000	316	653	205.000	0.484	181.4	208	176
178	420.000	316	653	205.000	0.484	181.4	208	177
179	420.000	316	653	205.000	0.484	181.4	208	178
180	420.000	316	653	205.000	0.484	181.4	207	179
181	420.000	316	653	205.000	0.484	181.4	209	180
182	420.000	316	653	205.000	0.484	181.4	205	181
183	419.000	316	683	204.000	0.463	182.1	205	182
184	414.000	315	659	234.000	0.478	245.2	202	188.1
185	414.000	315	659	234.000	0.478	245.2	202	188.3
186	414.000	315	659	234.000	0.478	245.2	202	188.4
187	414.000	315	659	234.000	0.478	245.2	202	188.5
188	414.000	315	659	234.000	0.478	245.2	202	188.6
189	414.000	315	659	234.000	0.478	245.2	202	188.7
190	414.000	315	659	234.000	0.478	245.2	203	189.1
191	414.000	315	659	234.000	0.478	245.2	204	190.1
192	414.000	315	659	234.000	0.478	245.2	204	191.1
193	414.000	315	659	234.000	0.478	245.2	205	192.1
194	414.000	315	659	234.000	0.478	245.2	205	193
195	414.000	315	659	234.000	0.478	245.2	205	194
196	414.000	315	659	234.000	0.478	245.2	206	195
197	414.000	315	659	234.000	0.478	245.2	206	196

198	414.000	315	659	234.000	0.478	245.2	205	197
199	414.000	315	659	234.000	0.478	245.2	205	198
200	414.000	315	659	234.000	0.478	245.2	203	199
201	414.000	315	659	234.000	0.478	245.2	202	200
202	414.000	315	659	234.000	0.478	245.2	201	201
203	414.000	315	659	234.000	0.478	245.2	200	202
204	414.000	315	659	234.000	0.478	245.2	200	203
205	414.000	315	659	234.000	0.478	245.2	199	204
206	414.000	315	659	234.000	0.478	245.2	198	205
207	414.000	315	659	234.000	0.478	245.2	197	206
208	414.000	315	659	234.000	0.478	245.2	196	207
209	414.000	315	659	234.000	0.478	245.2	196	208
210	414.000	315	659	234.000	0.478	245.2	195	209
211	414.000	315	659	234.000	0.478	245.2	194	210
212	414.000	315	659	234.000	0.478	245.2	193	211
213	414.000	315	659	234.000	0.478	245.2	193	212
214	414.000	315	659	234.000	0.478	245.2	192	213
215	414.000	315	659	234.000	0.478	245.2	191	214
216	414.000	315	659	234.000	0.478	245.2	191	215
217	414.000	315	659	234.000	0.478	245.2	190	216
218	414.000	315	659	234.000	0.478	245.2	190	217
219	414.000	315	659	234.000	0.478	245.2	188	218
220	414.000	315	659	234.000	0.478	245.2	187	219
221	414.000	315	659	234.000	0.478	245.2	187	220
222	414.000	315	659	234.000	0.478	245.2	186	221
223	414.000	315	659	234.000	0.478	245.2	185	222
224	414.000	315	659	234.000	0.478	245.2	185	223
225	414.000	315	659	234.000	0.478	245.2	185	224
226	414.000	315	659	234.000	0.478	245.2	183	225
227	414.000	315	659	234.000	0.478	245.2	183	226
228	414.000	315	659	234.000	0.478	245.2	182	227
229	414.000	315	659	234.000	0.478	245.2	180	228
230	414.000	315	659	234.000	0.478	245.2	181	229
231	414.000	315	659	234.000	0.478	245.2	180	230
232	414.000	315	659	234.000	0.478	245.2	179	231
233	414.000	315	659	234.000	0.478	245.2	179	232
234	414.000	315	659	234.000	0.478	245.2	178	233
235	414.000	315	659	234.000	0.478	245.2	177	234
236	414.000	315	659	234.000	0.478	245.2	177	235
237	414.000	315	659	234.000	0.478	245.2	176	236
238	414.000	315	659	234.000	0.478	245.2	176	237
239	414.000	315	659	234.000	0.478	245.2	175	238
240	414.000	315	659	234.000	0.478	245.2	174	239
241	414.000	315	659	234.000	0.478	245.2	174	240
242	414.000	315	659	234.000	0.478	245.2	173	241
243	414.000	315	659	234.000	0.478	245.2	172	242
244	414.000	315	659	234.000	0.478	245.2	172	243
245	414.000	315	659	234.000	0.478	245.2	171	244
246	414.000	315	659	234.000	0.478	245.2	171	245
247	415.000	317	664	230.000	0.477	246	170	246

248	415.000	314	681	262.000	0.461	324.1	169	247
249	415.000	314	681	262.000	0.461	324.1	172	248
250	415.000	314	681	262.000	0.461	324.1	168	249
251	415.000	314	681	262.000	0.461	324.1	168	250
252	415.000	314	681	262.000	0.461	324.1	167	251
253	415.000	314	681	262.000	0.461	324.1	167	252
254	415.000	314	681	262.000	0.461	324.1	166	253
255	415.000	314	681	262.000	0.461	324.1	166	254
256	415.000	314	681	262.000	0.461	324.1	165	255
257	415.000	314	681	262.000	0.461	324.1	165	256
258	415.000	314	681	262.000	0.461	324.1	164	257
259	415.000	314	681	262.000	0.461	324.1	163	258
260	415.000	314	681	262.000	0.461	324.1	163	259
261	415.000	314	681	262.000	0.461	324.1	162	260
262	415.000	314	681	262.000	0.461	324.1	162	261
263	415.000	314	681	262.000	0.461	324.1	161	262
264	415.000	314	681	262.000	0.461	324.1	161	263
265	415.000	314	681	262.000	0.461	324.1	160	264
266	415.000	314	681	262.000	0.461	324.1	160	265
267	415.000	314	681	262.000	0.461	324.1	159	266
268	415.000	314	681	262.000	0.461	324.1	158	267
269	415.000	314	681	262.000	0.461	324.1	158	268
270	415.000	314	681	262.000	0.461	324.1	157	269
271	415.000	314	681	262.000	0.461	324.1	159	270
272	415.000	314	681	262.000	0.461	324.1	156	271
273	415.000	314	681	262.000	0.461	324.1	156	272
274	415.000	314	681	262.000	0.461	324.1	156	273
275	415.000	314	681	262.000	0.461	324.1	155	274
276	415.000	314	681	262.000	0.461	324.1	154	275
277	415.000	314	681	262.000	0.461	324.1	154	276
278	415.000	314	681	262.000	0.461	324.1	153	277
279	415.000	314	681	262.000	0.461	324.1	153	278
280	415.000	314	681	262.000	0.461	324.1	152	279
281	415.000	314	681	262.000	0.461	324.1	152	280
282	415.000	314	681	262.000	0.461	324.1	151	281
283	415.000	314	681	262.000	0.461	324.1	151	282
284	415.000	314	681	262.000	0.461	324.1	150	283
285	415.000	314	681	262.000	0.461	324.1	150	284
286	415.000	314	681	262.000	0.461	324.1	149	285
287	415.000	314	681	262.000	0.461	324.1	149	286
288	415.000	314	681	262.000	0.461	324.1	149	287.2
289	415.000	314	681	262.000	0.461	324.1	147	292.8
290	415.000	314	681	262.000	0.461	324.1	147	293
291	415.000	314	681	262.000	0.461	324.1	147	293.1
292	415.000	314	681	262.000	0.461	324.1	147	293.2
293	415.000	314	681	262.000	0.461	324.1	147	293.3
294	415.000	314	681	262.000	0.461	324.1	147	293.5
295	415.000	314	681	262.000	0.461	324.1	148	294.1
296	415.000	314	681	262.000	0.461	324.1	148	295.1
297	415.000	314	681	262.000	0.461	324.1	149	296

298	415.000	314	681	262.000	0.461	324.1	150	297.1
299	415.000	314	681	262.000	0.461	324.1	151	298.2
300	415.000	314	681	262.000	0.461	324.1	152	299
301	415.000	314	681	262.000	0.461	324.1	153	300
302	415.000	314	681	262.000	0.461	324.1	152	301
303	415.000	314	681	262.000	0.461	324.1	150	302
304	415.000	314	681	262.000	0.461	324.1	151	303
305	415.000	314	681	262.000	0.461	324.1	150	304
306	415.000	314	681	262.000	0.461	324.1	150	305
307	415.000	314	681	262.000	0.461	324.1	149	306
308	415.000	314	681	262.000	0.461	324.1	149	307
309	415.000	314	681	262.000	0.461	324.1	148	308
310	415.000	314	681	262.000	0.461	324.1	147	309
311	415.000	314	681	262.000	0.461	324.1	146	310
312	415.000	314	681	262.000	0.461	324.1	146	311
313	415.000	314	681	262.000	0.461	324.1	145	312
314	415.000	314	681	262.000	0.461	324.1	145	313
315	415.000	314	681	262.000	0.461	324.1	144	314
316	415.000	314	681	262.000	0.461	324.1	144	315
317	415.000	314	681	262.000	0.461	324.1	143	316
318	415.000	314	681	262.000	0.461	324.1	142	317
319	415.000	314	681	262.000	0.461	324.1	141	318
320	415.000	314	681	262.000	0.461	324.1	142	319
321	415.000	314	681	262.000	0.461	324.1	141	320
322	415.000	314	681	262.000	0.461	324.1	139	321
323	415.000	314	681	262.000	0.461	324.1	140	322
324	415.000	314	681	262.000	0.461	324.1	139	323
325	415.000	314	681	262.000	0.461	324.1	139	324
326	415.000	308	666	259.000	0.462	325.1	138	325
327	415.000	303	677	288.000	0.448	398.3	138	326
328	415.000	308	669	289.000	0.460	398.4	137	327
329	415.000	302	651	289.000	0.464	398.4	137	328
330	415.000	305	652	289.000	0.468	398.5	137	329
331	415.000	301	661	289.000	0.455	398.6	136	330
332	415.000	303	672	289.000	0.451	398.7	136	331
333	415.000	304	673	289.000	0.452	398.8	135	332
334	415.000	303	661	289.000	0.458	398.8	135	333
335	415.000	307	654	289.000	0.469	399	134	334
336	415.000	302	653	289.000	0.462	399	134	335
337	416.000	306	668	289.000	0.458	399.1	134	336
338	416.000	303	682	289.000	0.444	399.2	132	337
339	416.000	303	682	289.000	0.444	399.8	133	338
340	420.000	303	655	317.000	0.463	458.8	132	339
341	420.000	303	655	317.000	0.463	458.8	131	340
342	420.000	303	655	317.000	0.463	458.8	131	341
343	420.000	303	655	317.000	0.463	458.8	131	342
344	420.000	303	655	317.000	0.463	458.8	130	343
345	420.000	303	655	317.000	0.463	458.8	129	344
346	420.000	303	655	317.000	0.463	458.8	130	345
347	420.000	303	655	317.000	0.463	458.8	129	346

348	420.000	303	655	317.000	0.463	458.8	128	347
349	420.000	303	655	317.000	0.463	458.8	128	348
350	420.000	303	655	317.000	0.463	458.8	128	349
351	420.000	303	655	317.000	0.463	458.8	127	350
352	420.000	303	655	317.000	0.463	458.8	127	351
353	420.000	303	655	317.000	0.463	458.8	127	352
354	420.000	303	655	317.000	0.463	458.8	126	353
355	420.000	303	655	317.000	0.463	458.8	126	354
356	420.000	303	655	317.000	0.463	458.8	126	355
357	420.000	303	655	317.000	0.463	458.8	125	356
358	420.000	303	655	317.000	0.463	458.8	125	357
359	420.000	303	655	317.000	0.463	458.8	124	358
360	420.000	303	655	317.000	0.463	458.8	122	359
361	420.000	303	655	317.000	0.463	458.8	124	360
362	420.000	303	655	317.000	0.463	458.8	123	361
363	420.000	303	655	317.000	0.463	458.8	122	362
364	420.000	303	655	317.000	0.463	458.8	122	363
365	420.000	303	655	317.000	0.463	458.8	121	364
366	420.000	303	655	317.000	0.463	458.8	121	365
367	420.000	303	655	317.000	0.463	458.8	120	366
368	420.000	303	655	317.000	0.463	458.8	120	367
369	420.000	303	655	317.000	0.463	458.8	120	368
370	420.000	303	655	317.000	0.463	458.8	119	369
371	420.000	303	655	317.000	0.463	458.8	120	370
372	420.000	303	655	317.000	0.463	458.8	119	371
373	420.000	303	655	317.000	0.463	458.8	118	372
374	420.000	303	655	317.000	0.463	458.8	120	373
375	420.000	303	655	317.000	0.463	458.8	118	374
376	420.000	303	655	317.000	0.463	458.8	117	375
377	420.000	303	655	317.000	0.463	458.8	114	376
378	420.000	303	655	317.000	0.463	458.8	116	377
379	420.000	303	655	317.000	0.463	458.8	116	378
380	420.000	303	655	317.000	0.463	458.8	115	379
381	420.000	303	655	317.000	0.463	458.8	115	380
382	420.000	303	655	317.000	0.463	458.8	114	381
383	420.000	303	655	317.000	0.463	458.8	114	382
384	420.000	303	655	317.000	0.463	458.8	114	383
385	420.000	303	655	317.000	0.463	458.8	113	384
386	420.000	303	655	317.000	0.463	458.8	113	385
387	420.000	303	655	317.000	0.463	458.8	112	386
388	420.000	303	655	317.000	0.463	458.8	112	387
389	420.000	303	655	317.000	0.463	458.8	112	388
390	420.000	303	655	317.000	0.463	458.8	111	389
391	420.000	303	655	317.000	0.463	458.8	111	390
392	420.000	303	655	317.000	0.463	458.8	111	391
393	420.000	303	655	317.000	0.463	458.8	109	392
394	420.000	303	655	317.000	0.463	458.8	109	393
395	420.000	303	655	317.000	0.463	458.8	108	394
396	420.000	303	655	317.000	0.463	458.8	109	395
397	420.000	303	655	317.000	0.463	458.8	108	396

398	420.000	303	655	317.000	0.463	458.8	109	397
399	420.000	303	655	317.000	0.463	458.8	108	398
400	420.000	303	655	317.000	0.463	458.8	107	399
401	420.000	303	655	317.000	0.463	458.8	107	400
402	420.000	303	655	317.000	0.463	458.8	107	401
403	420.000	303	655	317.000	0.463	458.8	107	402
404	420.000	303	655	317.000	0.463	458.8	106	403
405	420.000	303	655	317.000	0.463	458.8	106	404
406	420.000	303	655	317.000	0.463	458.8	105	405
407	420.000	303	655	317.000	0.463	458.8	105	406
408	420.000	303	655	317.000	0.463	458.8	104	407
409	420.000	303	655	317.000	0.463	458.8	104	408
410	420.000	303	655	317.000	0.463	458.8	104	409
411	420.000	303	655	317.000	0.463	458.8	104	410
412	420.000	303	655	317.000	0.463	458.8	103	411
413	420.000	303	655	317.000	0.463	458.8	103	412
414	420.000	303	655	317.000	0.463	458.8	102	413
415	420.000	303	655	317.000	0.463	458.8	102	414
416	420.000	303	655	317.000	0.463	458.8	103	415
417	420.000	303	655	317.000	0.463	458.8	101	416
418	420.000	303	655	317.000	0.463	458.8	101	417
419	420.000	303	655	317.000	0.463	458.8	101	418
420	420.000	303	655	317.000	0.463	458.8	101	419
421	420.000	303	655	317.000	0.463	458.8	100	420
422	420.000	303	655	317.000	0.463	458.8	100	421
423	420.000	303	655	317.000	0.463	458.8	100	422
424	420.000	303	655	317.000	0.463	458.8	99	423
425	420.000	303	655	317.000	0.463	458.8	99	424
426	420.000	303	655	317.000	0.463	458.8	98	425
427	420.000	303	655	317.000	0.463	458.8	98	426
428	420.000	303	655	317.000	0.463	458.8	98	427
429	420.000	303	655	317.000	0.463	458.8	98	428
430	420.000	303	655	317.000	0.463	458.8	98	429
431	420.000	303	655	317.000	0.463	458.8	97	430
432	420.000	303	655	317.000	0.463	458.8	96	431
433	420.000	303	655	317.000	0.463	458.8	96	432
434	420.000	303	655	317.000	0.463	458.8	97	433
435	420.000	303	655	317.000	0.463	458.8	95	434
436	420.000	303	655	317.000	0.463	458.8	96	435
437	420.000	303	655	317.000	0.463	458.8	95	436
438	420.000	303	655	317.000	0.463	458.8	94	437
439	420.000	303	655	317.000	0.463	458.8	94	438
440	420.000	303	655	317.000	0.463	458.8	94	439
441	420.000	303	655	317.000	0.463	458.8	94	440
442	420.000	303	655	317.000	0.463	458.8	93	441
443	420.000	303	655	317.000	0.463	458.8	93	442
444	420.000	303	655	317.000	0.463	458.8	93	443
445	420.000	303	655	317.000	0.463	458.8	93	449.1
446	420.000	303	655	317.000	0.463	458.8	93	449.3
447	420.000	303	655	317.000	0.463	458.8	93	449.4

448	420.000	303	655	317.000	0.463	458.8	93	449.5
449	420.000	303	655	317.000	0.463	458.8	94	449.7
450	420.000	303	655	317.000	0.463	458.8	94	449.8
451	420.000	303	655	317.000	0.463	458.8	94	450.1
452	420.000	303	655	317.000	0.463	458.8	95	451.1
453	420.000	303	655	317.000	0.463	458.8	98	452.1
454	420.000	303	655	317.000	0.463	458.8	97	453.1
455	420.000	303	655	317.000	0.463	458.8		
456	420.000	303	655	317.000	0.463	458.8		
457	420.000	303	655	317.000	0.463	458.8		
458	420.000	303	655	317.000	0.463	458.8		
459	420.000	303	655	317.000	0.463	458.8		
460	419.000	299	679	318.000	0.440	459.1		
461	420.000	301	659	318.000	0.457	460.3		
462	415.000	290	649	345.000	0.447	514.3		
463	415.000	290	649	345.000	0.447	514.3		
464	415.000	290	649	345.000	0.447	514.3		
465	415.000	290	649	345.000	0.447	514.3		
466	415.000	290	649	345.000	0.447	514.3		
467	415.000	290	649	345.000	0.447	514.3		
468	415.000	290	649	345.000	0.447	514.3		
469	415.000	290	649	345.000	0.447	514.3		
470	415.000	290	649	345.000	0.447	514.3		
471	415.000	290	649	345.000	0.447	514.3		
472	415.000	290	649	345.000	0.447	514.3		
473	415.000	290	649	345.000	0.447	514.3		
474	415.000	290	649	345.000	0.447	514.3		
475	415.000	290	649	345.000	0.447	514.3		
476	415.000	290	649	345.000	0.447	514.3		
477	415.000	290	649	345.000	0.447	514.3		
478	415.000	290	649	345.000	0.447	514.3		
479	415.000	290	649	345.000	0.447	514.3		
480	415.000	290	649	345.000	0.447	514.3		
481	415.000	290	649	345.000	0.447	514.3		
482	415.000	290	649	345.000	0.447	514.3		
483	415.000	290	649	345.000	0.447	514.3		
484	415.000	290	649	345.000	0.447	514.3		
485	415.000	290	649	345.000	0.447	514.3		
486	415.000	290	649	345.000	0.447	514.3		
487	415.000	290	649	345.000	0.447	514.3		
488	415.000	290	649	345.000	0.447	514.3		
489	415.000	290	649	345.000	0.447	514.3		
490	415.000	290	649	345.000	0.447	514.3		
491	415.000	290	649	345.000	0.447	514.3		
492	415.000	290	649	345.000	0.447	514.3		
493	415.000	290	649	345.000	0.447	514.3		
494	415.000	290	649	345.000	0.447	514.3		
495	415.000	290	649	345.000	0.447	514.3		
496	415.000	290	649	345.000	0.447	514.3		
497	415.000	290	649	345.000	0.447	514.3		

498	415.000	290	649	345.000	0.447	514.3
499	415.000	290	649	345.000	0.447	514.3
500	415.000	290	649	345.000	0.447	514.3
501	415.000	290	649	345.000	0.447	514.3
502	415.000	290	649	345.000	0.447	514.3
503	415.000	290	649	345.000	0.447	514.3
504	415.000	290	649	345.000	0.447	514.3
505	415.000	290	649	345.000	0.447	514.3
506	415.000	290	649	345.000	0.447	514.3
507	415.000	290	649	345.000	0.447	514.3
508	415.000	290	649	345.000	0.447	514.3
509	415.000	290	649	345.000	0.447	514.3
510	415.000	290	649	345.000	0.447	514.3
511	415.000	290	649	345.000	0.447	514.3
512	415.000	290	649	345.000	0.447	514.3
513	415.000	290	649	345.000	0.447	514.3
514	415.000	290	649	345.000	0.447	514.3
515	415.000	290	649	345.000	0.447	514.3
516	415.000	292	678	345.000	0.431	515