

WTBA Seoul



Oil Pattern Distance:	39 Feet	Reverse Brush Drop:	30 Feet	Oil Per Board:	50 uL
Forward Oil Total:	20.1 mL	Reverse Oil Total:	5 mL	Volume Oil Total:	25.1 mL
Forward Boards Crossed:	402 Boards	Reverse Boards Crossed:	100 Boards	Total Boards Crossed:	502 Boards

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	4	14	148	0.0	5.9	5.9	7400
2	2L	5R	1	18	34	5.9	8.4	2.5	1700
3	4L	5R	2	18	64	8.4	13.5	5.1	3200
4	6L	6R	1	18	29	13.5	16.0	2.5	1450
5	9L	7R	2	18	50	16.0	21.1	5.1	2500
6	11L	9R	2	18	42	21.1	26.2	5.1	2100
7	12L	10R	1	18	19	26.2	28.7	2.5	950
8	14L	11R	1	22	16	28.7	31.8	3.1	800
9	2L	2R	0	26	0	31.8	39.0	7.2	0

Conditioner: Kegel

TransferType: Transfer Brush

Forward

Reverse

Combined

Buff

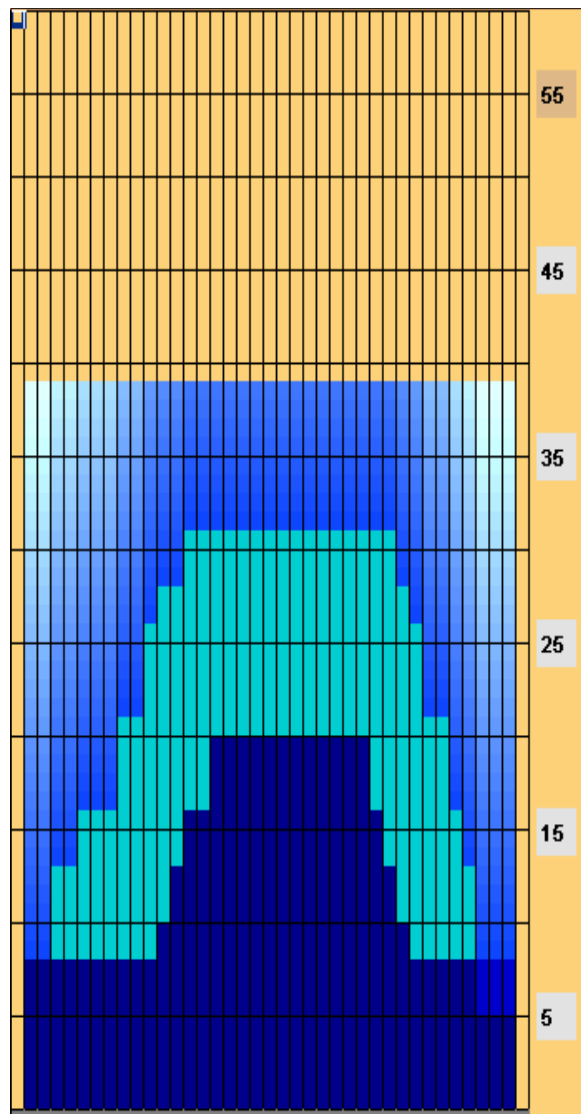
	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	39.0	20.0	-19.0	0
2	16L	13R	1	26	12	20.0	16.4	-3.6	600
3	14L	12R	1	22	15	16.4	13.3	-3.1	750
4	13L	11R	1	22	17	13.3	10.2	-3.1	850
5	12L	10R	1	18	19	10.2	7.7	-2.5	950
6	2L	2R	1	14	37	7.7	5.8	-1.9	1850
7	2L	2R	0	10	0	5.8	0.0	-5.8	0

Forward

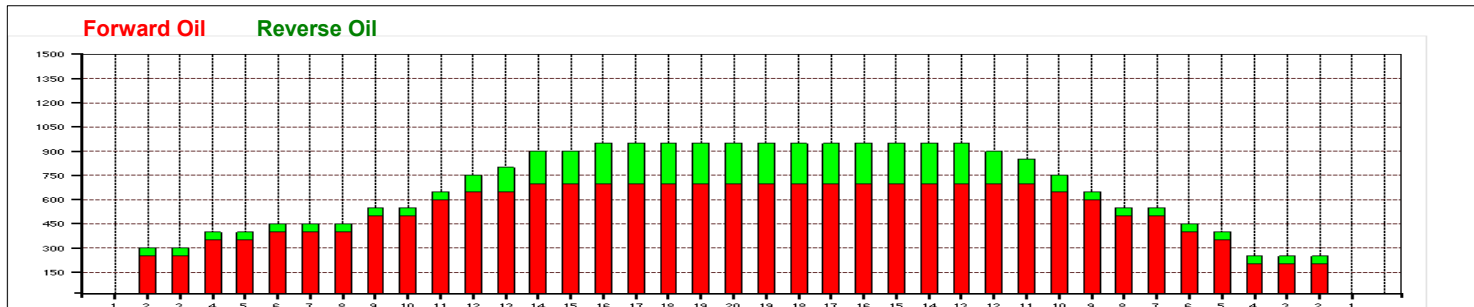
Reverse

Combined

Buff



Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside Track:Middle	Middle Track:Middle	Inside Track:Middle	Middle: Inside Track	Middle:Middle Track	Middle:Outside Track
Track Zone Ratio	2.38	1.61	1.06	1	1.28	2.5





USBC Sport Bowling Calculations

Center; WTBA Seoul 39' Country _____
 Lane 1 Tournament _____
 Pattern Name WTBA Seoul 39' Date 10/12/2010
 Pattern Distance 39'

Board	22	37
L2	19.9	7.4
L3	22.4	8.1
L4	25.1	9.5
L5	27.8	11.6
L6	27.1	11.6
L7	29.6	11.9
L8	36.3	13.7
L9	36.0	14.9
L10	43.9	17.6
L11	48.0	21.1
L12	48.2	19.9
L13	50.5	24.8
L14	53.6	27.0
L15	53.5	25.8
L16	56.0	25.7
L17	57.3	26.3
L18	59.3	27.1
L19	54.4	25.1
C20	52.2	23.1
R19	55.6	23.4
R18	55.0	22.3
R17	53.0	21.1
R16	55.8	21.3
R15	54.8	24.3
R14	59.2	25.4
R13	56.9	25.5
R12	54.7	24.2
R11	53.5	23.7
R10	51.4	22.6
R9	48.5	19.6
R8	42.5	16.8
R7	42.3	16.9
R6	31.6	12.5
R5	28.1	12.3
R4	18.8	8.1
R3	16.2	6.2
R2	16.4	6.3

3:1 Ratio USBC Sport Bowling Pattern Calculations		
At 22 Feet (Two Tapes)		
Right =	27.4	R ratio = 2.0
Left =	26.4	L ratio = 2.0
Center =	55.3	
At 2 Feet Before End of Pattern		
Right =	11.2	R ratio = 2.1
Left =	10.6	L ratio = 2.2
Center =	24.2	
Minimum and Maximum Units		
	22 Feet	2 Feet <
Rmax	59.2	25.5
Rmin	42.5	16.8
Lmax	57.3	27.0
Lmin	36.0	13.7
Minimum and Maximum Transitions		
	22 Feet	2 Feet <
Right	19.2	7.8
Left	18.5	7.4
Center	71.9	31.5
Compliances		
	22 Feet	2 Feet <
Ratio-Right	YES	YES
Ratio-Left	YES	YES
Rmin	YES	YES
Rmax	YES	YES
Lmin	YES	YES
Lmax	YES	YES
10<R>80	YES	n/a
10<L>80	YES	n/a
>10 & 3 Units	16.2	6.2
		YES

Are both the Right and Left Ratios for all required tape distances in compliance of the Sport Bowling pattern requirements? **YES**

Are both the Right and Left Maximums for all required tape distances in compliance of the Sport Bowling pattern requirements? **YES**

Are both the Right and Left Minimums for all required tape distances in compliance of the Sport Bowling pattern requirements? **YES**

This Sport Bowling pattern **IS COMPLIANT**

