

# WTBA Tokyo



Oil Pattern Distance:	43 Feet	Reverse Brush Drop:	33 Feet	Oil Per Board:	50 uL
Forward Oil Total:	20.3 mL	Reverse Oil Total:	5.1 mL	Volume Oil Total:	25.4 mL
Forward Boards Crossed:	406 Boards	Reverse Boards Crossed:	102 Boards	Total Boards Crossed:	508 Boards

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	6	14	222	0.0	9.9	9.9	11100
2	5L	4R	1	18	32	9.9	12.4	2.5	1600
3	6L	6R	1	18	29	12.4	14.9	2.5	1450
4	8L	7R	1	18	26	14.9	17.4	2.5	1300
5	10L	8R	1	18	23	17.4	19.9	2.5	1150
6	11L	9R	2	18	42	19.9	25.0	5.1	2100
7	13L	10R	1	18	18	25.0	27.5	2.5	900
8	15L	12R	1	18	14	27.5	30.0	2.5	700
9	2L	2R	0	22	0	30.0	34.0	4.0	0
10	2L	2R	0	26	0	34.0	43.0	9.0	0

Forward	Reverse	More
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	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	43.0	20.0	-23.0	0
2	13L	11R	1	26	17	20.0	16.4	-3.6	850
3	10L	8R	1	22	23	16.4	13.3	-3.1	1150
4	5L	5R	2	18	62	13.3	8.2	-5.1	3100
5	2L	2R	0	14	0	8.2	0.0	-8.2	0

Forward	Reverse	More
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Conditioner:  
Kegel

TransferType:  
Transfer Brush

Forward



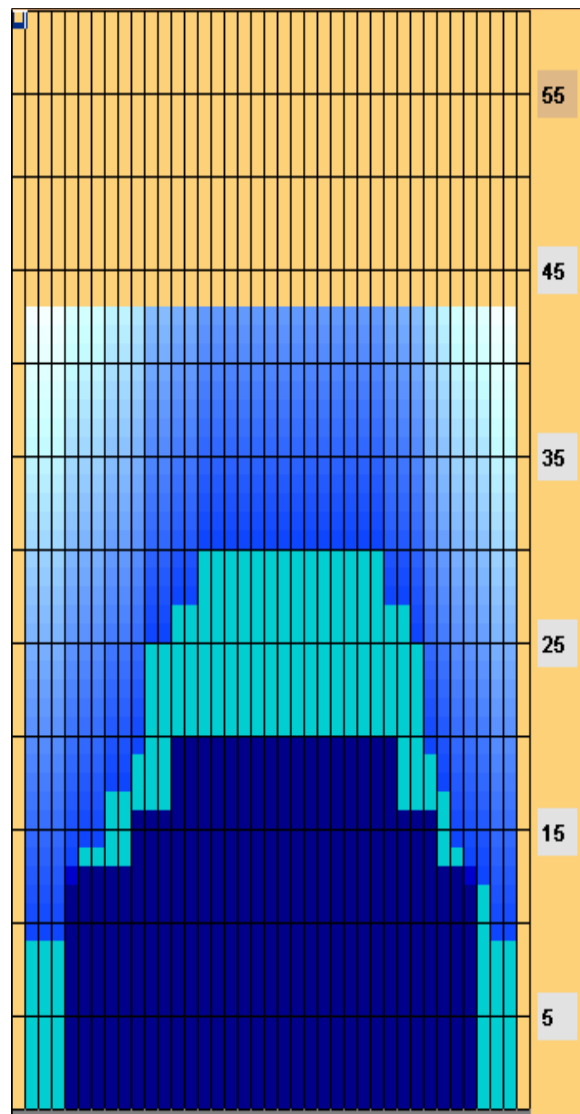
Reverse



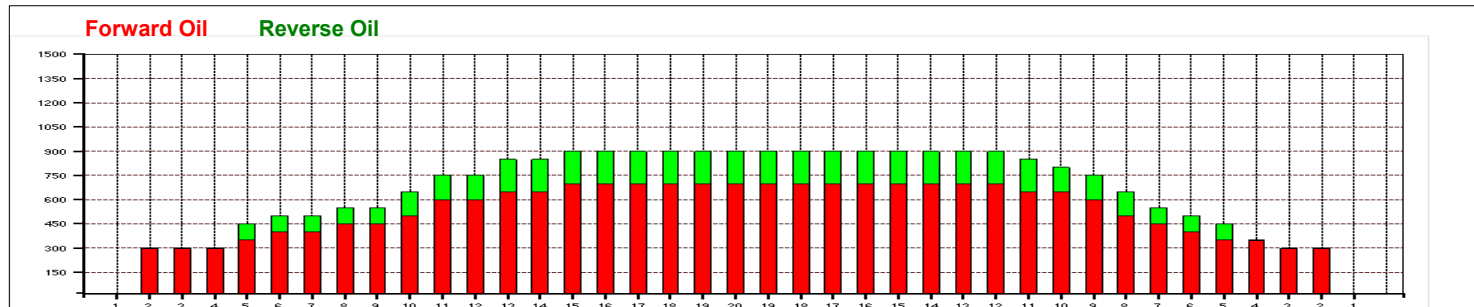
Combined



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	2.2	1.38	1.02	1	1.14	2.09





## USBC Sport Bowling Calculations

Center; WTBA Tokyo 43'  
 Lane 1  
 Pattern Name WTBA Tokyo 43'  
 Pattern Distance 43'

Country \_\_\_\_\_  
 Tournament \_\_\_\_\_  
 Date 10/12/2010

Board	22	41
L2	17.2	6.9
L3	16.0	6.3
L4	19.7	8.4
L5	24.3	11.0
L6	22.5	9.4
L7	30.0	11.3
L8	30.5	12.0
L9	31.3	11.8
L10	43.1	14.2
L11	41.9	13.5
L12	43.8	14.2
L13	45.9	17.5
L14	48.7	18.0
L15	48.3	17.3
L16	46.9	17.8
L17	49.0	19.3
L18	49.6	18.2
L19	45.7	18.9
C20	46.7	16.6
R19	49.4	19.4
R18	48.9	17.4
R17	47.1	14.4
R16	48.2	16.4
R15	48.8	17.5
R14	49.9	17.6
R13	48.0	18.2
R12	47.8	17.8
R11	45.0	18.3
R10	44.8	17.5
R9	42.6	15.9
R8	37.2	13.8
R7	32.2	13.6
R6	25.0	10.6
R5	24.9	10.0
R4	20.0	8.4
R3	17.4	6.1
R2	18.1	6.5

3:1 Ratio USBC Sport Bowling Pattern Calculations			
At 22 Feet (Two Tapes)			
Right =	23.9	R ratio =	2.0
Left =	22.5	L ratio =	2.1
Center =	48.1		
At 2 Feet Before End of Pattern			
Right =	9.8	R ratio =	1.8
Left =	9.3	L ratio =	1.9
Center =	18.1		
Minimum and Maximum Units			
	22 Feet	2 Feet <	
Rmax	49.9	18.3	
Rmin	37.2	13.8	
Lmax	49.0	19.3	
Lmin	30.5	11.8	
Minimum and Maximum Transitions			
	22 Feet	2 Feet <	
Right	16.7	6.8	
Left	15.8	6.5	
Center	62.5	23.5	
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	16.0	6.1	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**

