

# WTBA London



**Oil Pattern Distance:** 44 Feet      **Reverse Brush Drop:** 34 Feet      **Oil Per Board:** 50 uL  
**Forward Oil Total:** 21.8 mL      **Reverse Oil Total:** 2.9 mL      **Volume Oil Total:** 24.7 mL  
**Forward Boards Crossed:** 436 Boards      **Reverse Boards Crossed:** 58 Boards      **Total Boards Crossed:** 494 Boards

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	8	10	296	0.0	9.9	9.9	14800
2	10L	9R	2	14	44	9.9	13.8	3.9	2200
3	11L	10R	1	14	20	13.8	15.7	1.9	1000
4	13L	12R	2	18	32	15.7	20.8	5.1	1600
5	15L	14R	2	18	24	20.8	25.9	5.1	1200
6	16L	15R	2	18	20	25.9	31.0	5.1	1000
7	2L	2R	0	22	0	31.0	32.0	1.0	0
8	2L	2R	0	26	0	32.0	44.0	12.0	0

◀ ▶ ⏪ ⏩ Forward Reverse More

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	44.0	16.0	-28.0	0
2	15L	14R	1	22	12	16.0	12.9	-3.1	600
3	14L	13R	2	18	28	12.9	7.8	-5.1	1400
4	12L	11R	1	14	18	7.8	5.9	-1.9	900
5	2L	2R	0	10	0	5.9	0.0	-5.9	0

◀ ▶ ⏪ ⏩ Forward Reverse More

Conditioner:  
Kegel

TransferType:  
Transfer Brush

Forward



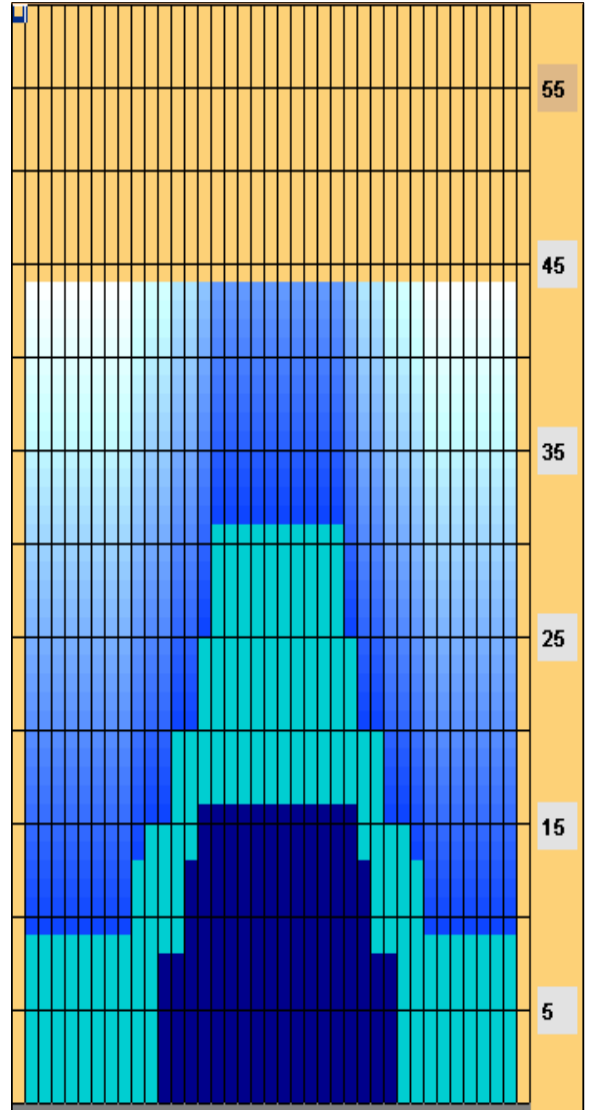
Reverse



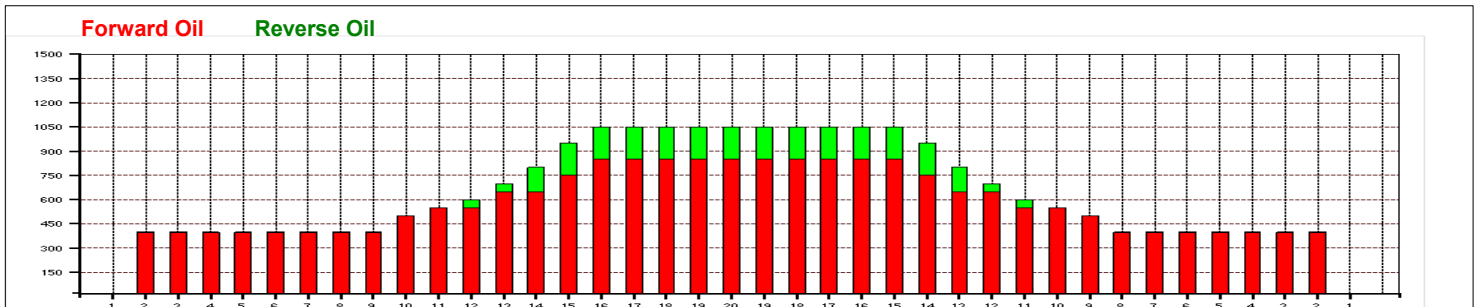
Combined



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	2.63	2.14	1.15	1.07	1.91	2.63





## USBC Sport Bowling Calculations

Center; WTBA London 44' Country \_\_\_\_\_  
 Lane 1 Tournament \_\_\_\_\_  
 Pattern Name WTBA London 44' Date 10/12/2010  
 Pattern Distance 44'

Board	22	42
L2	20.4	7.7
L3	19.7	7.4
L4	19.7	7.7
L5	19.5	9.0
L6	18.4	8.0
L7	18.5	8.0
L8	18.1	7.6
L9	21.1	8.8
L10	25.9	9.9
L11	26.4	8.9
L12	31.9	10.5
L13	37.1	14.0
L14	46.6	16.8
L15	46.1	18.1
L16	50.4	19.8
L17	51.7	20.9
L18	50.8	20.8
L19	49.5	19.2
C20	52.1	18.1
R19	57.7	22.3
R18	54.2	20.6
R17	54.4	20.1
R16	52.8	18.7
R15	53.8	19.5
R14	51.2	17.7
R13	41.9	15.4
R12	37.8	13.3
R11	31.2	12.0
R10	30.2	11.9
R9	28.5	11.2
R8	20.6	8.8
R7	21.2	8.8
R6	19.5	7.8
R5	20.5	8.3
R4	20.8	7.8
R3	20.1	7.3
R2	21.5	7.5

3:1 Ratio USBC Sport Bowling Pattern Calculations		
<b>At 22 Feet (Two Tapes)</b>		
Right =	20.4	R ratio = 2.5
Left =	19.2	L ratio = 2.7
Center =	52.9	
<b>At 2 Feet Before End of Pattern</b>		
Right =	8.0	R ratio = 2.5
Left =	8.0	L ratio = 2.5
Center =	20.2	
<b>Minimum and Maximum Units</b>		
	22 Feet	2 Feet <
Rmax	54.4	20.1
Rmin	20.6	8.8
Lmax	51.7	20.9
Lmin	18.1	7.6
<b>Minimum and Maximum Transitions</b>		
	22 Feet	2 Feet <
Right	14.3	5.6
Left	13.4	5.6
Center	68.7	26.3
<b>Compliances</b>		
	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	18.1	7.3
		<b>YES</b>

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**

