

2013 USBC Masters



Oil Pattern Distance:	39 Feet	Reverse Brush Drop:	34 Feet	Oil Per Board:	50 uL
Forward Oil Total:	19.55 mL	Reverse Oil Total:	10.75 mL	Volume Oil Total:	30.3 mL
Forward Boards Crossed:	391 Boards	Reverse Boards Crossed:	215 Boards	Total Boards Crossed:	606 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	5R	1	18	31	9.9	12.4	2.5	1550
3	6L	5R	1	18	30	12.4	14.9	2.5	1500
4	7L	6R	1	18	28	14.9	17.4	2.5	1400
5	8L	7R	1	18	26	17.4	19.9	2.5	1300
6	10L	9R	1	22	22	19.9	23.0	3.1	1100
7	12L	11R	1	22	18	23.0	26.1	3.1	900
8	14L	13R	1	22	14	26.1	29.2	3.1	700
9	2L	2R	0	22	0	29.2	31.0	1.8	0
10	2L	2R	0	30	0	31.0	39.0	8.0	0

Forward Reverse More

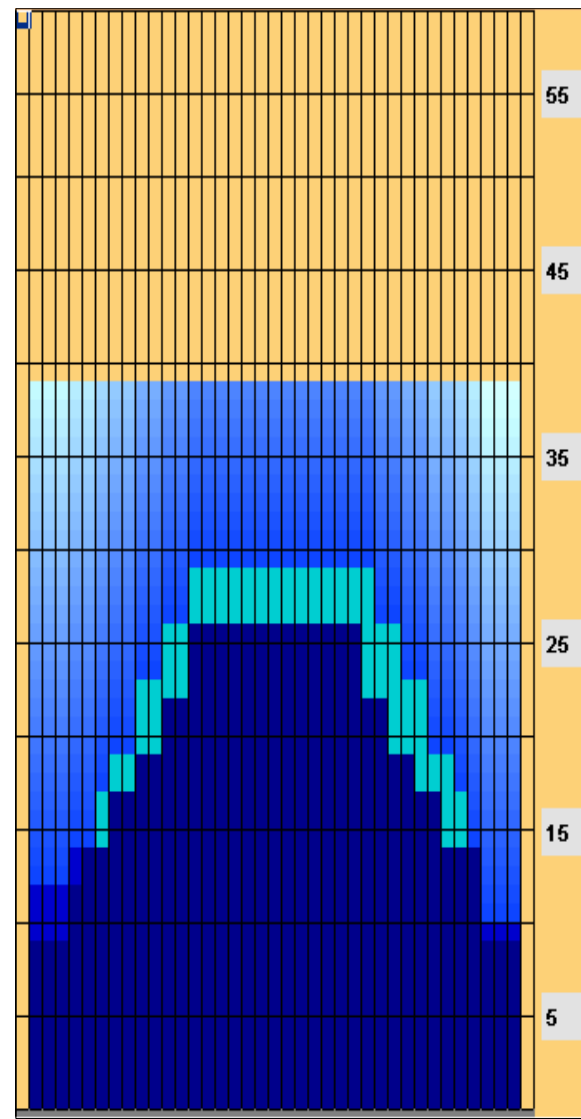
	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	39.0	26.0	-13.0	0
2	14L	14R	1	26	13	26.0	22.4	-3.6	650
3	12L	12R	1	22	17	22.4	19.3	-3.1	850
4	10L	10R	1	18	21	19.3	16.8	-2.5	1050
5	8L	8R	1	18	25	16.8	14.3	-2.5	1250
6	5L	5R	1	14	31	14.3	12.4	-1.9	1550
7	2L	5R	1	14	34	12.4	10.5	-1.9	1700
8	2L	2R	2	14	74	10.5	6.6	-3.9	3700
9	2L	2R	0	10	0	6.6	0.0	-6.6	0

Forward Reverse More

Conditioner:
Kegel Infinity

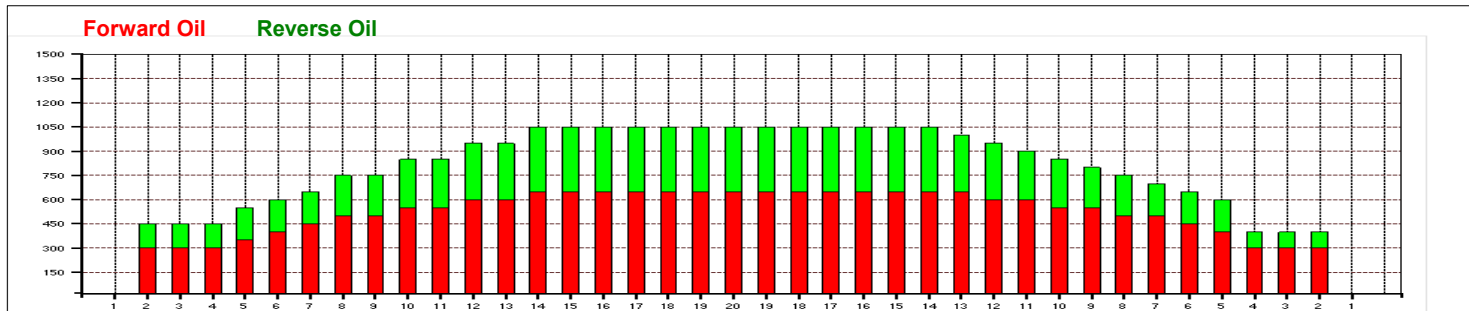
TransferType:
Transfer Brush

- Forward
- Reverse
- Combined
- Buff



Brunswick Zone Carolier Lanes | N. Brunswick, NJ

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	1.94	1.27	1.02	1.01	1.24	1.91



USBC Sport Bowling Calculations



Center; Brunswick Zone Carolier Lanes
 Lane 1
 Pattern Name 2013 USBC Masters
 Pattern Distance 39

Country USA
 Tournament 2013 USBC Masters
 Date 2/17/2013

Board	22	37
L2	21.6	9.0
L3	21.3	9.4
L4	25.1	11.1
L5	31.9	15.0
L6	34.1	15.6
L7	38.9	19.0
L8	40.6	19.4
L9	45.0	22.0
L10	47.8	22.6
L11	51.0	23.5
L12	52.4	25.6
L13	53.1	27.3
L14	53.9	27.7
L15	53.3	26.9
L16	55.5	26.8
L17	56.0	26.8
L18	56.2	27.3
L19	57.1	27.6
C20	56.2	26.9
R19	55.1	26.0
R18	56.9	27.8
R17	55.3	26.3
R16	55.6	25.1
R15	55.3	24.0
R14	54.4	23.9
R13	52.2	23.2
R12	50.4	21.6
R11	47.3	19.7
R10	45.3	20.1
R9	42.4	19.4
R8	41.9	19.5
R7	38.6	18.0
R6	32.1	13.5
R5	26.9	13.3
R4	20.8	9.6
R3	19.8	8.7
R2	16.5	7.0

3:1 Ratio USBC Sport Bowling Pattern Calculations			
At 22 Feet (Two Tapes)			
Right =	27.7	R ratio =	2.0
Left =	30.3	L ratio =	1.8
Center =	56.3		
At 2 Feet Before End of Pattern			
Right =	12.6	R ratio =	2.1
Left =	14.0	L ratio =	1.9
Center =	27.1		
Minimum and Maximum Units			
	22 Feet	2 Feet <	
Rmax	55.6	26.3	
Rmin	41.9	19.4	
Lmax	56.0	27.7	
Lmin	40.6	19.4	
Minimum and Maximum Transitions			
	22 Feet	2 Feet <	
Right	19.4	8.8	
Left	21.2	9.8	
Center	73.2	35.3	
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	16.5	7.0	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

