

WTBA Montreal



Oil Pattern Distance: 41 Feet **Reverse Brush Drop:** 32 Feet **Oil Per Board:** 50 uL
Forward Oil Total: 21.65 mL **Reverse Oil Total:** 3.15 mL **Volume Oil Total:** 24.8 mL
Forward Boards Crossed: 433 Boards **Reverse Boards Crossed:** 63 Boards **Total Boards Crossed:** 496 Boards

	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	5	10	185	0.0	5.6	5.6	9250
2	4L	3R	1	14	34	5.6	7.5	1.9	1700
3	5L	4R	1	10	32	7.5	8.9	1.4	1600
4	6L	5R	1	14	30	8.9	10.8	1.9	1500
5	7L	6R	1	18	28	10.8	13.3	2.5	1400
6	8L	7R	1	18	26	13.3	15.8	2.5	1300
7	9L	8R	1	18	24	15.8	18.3	2.5	1200
8	10L	9R	1	18	22	18.3	20.8	2.5	1100
9	11L	10R	1	18	20	20.8	23.3	2.5	1000
10	12L	11R	1	22	18	23.3	26.4	3.1	900
11	14L	13R	1	22	14	26.4	29.5	3.1	700
12	2L	2R	0	26	0	29.5	32.0	2.5	0
13	2L	2R	0	30	0	32.0	41.0	9.0	0

Forward Reverse More

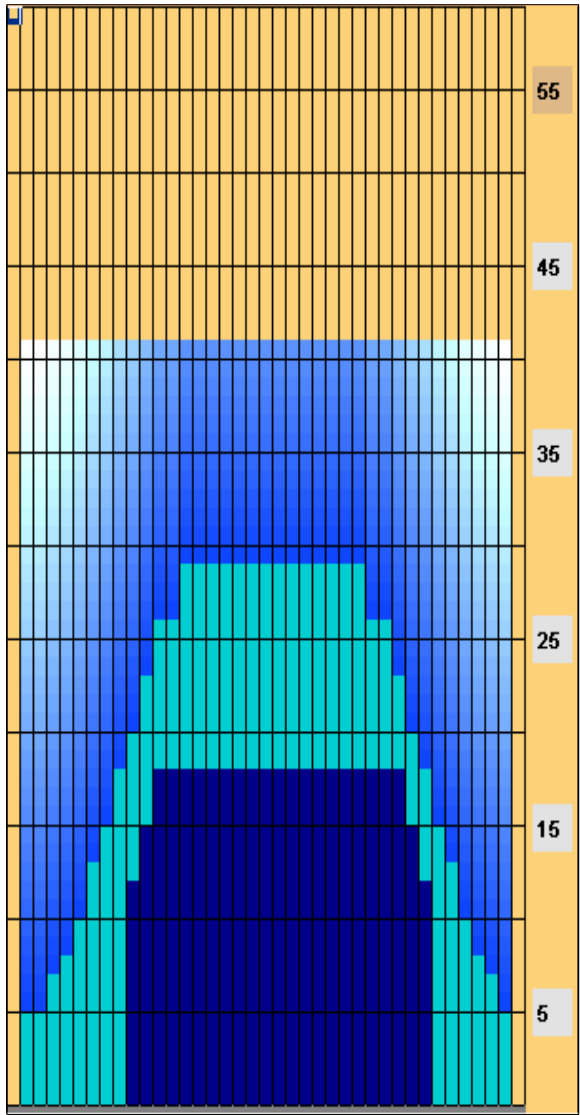
	Start	Stop	Loads	Speed	Crossed	Start	End	Feet	T.Oil
1	2L	2R	0	30	0	41.0	18.0	-23.0	0
2	12L	10R	1	22	19	18.0	14.9	-3.1	950
3	11L	9R	1	18	21	14.9	12.4	-2.5	1050
4	10L	8R	1	18	23	12.4	9.9	-2.5	1150
5	2L	2R	0	14	0	9.9	0.0	-9.9	0

Forward Reverse More

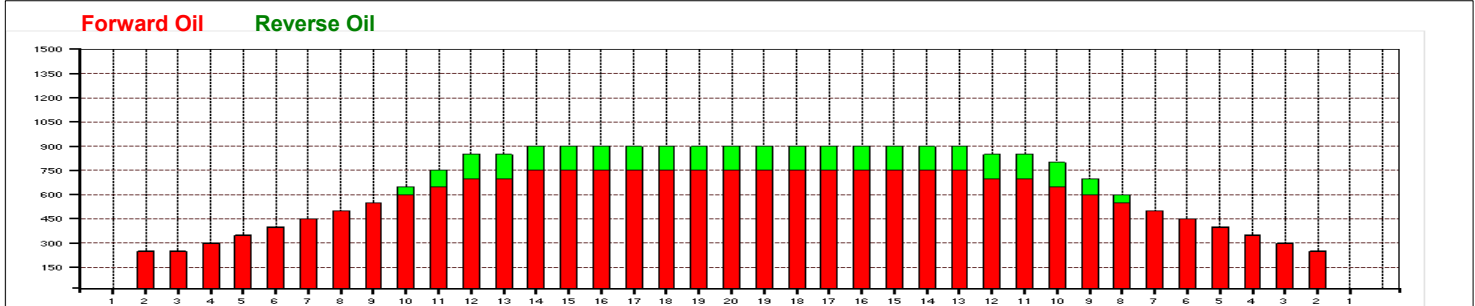
Conditioner:
Kegel

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	2.57	1.36	1.01	1	1.18	2.25





USBC Sport Bowling Calculations

Center; WTBA Montreal 41' Country _____
 Lane 1 Tournament _____
 Pattern Name WTBA Montreal 41' Date 10/12/2010
 Pattern Distance 41'

Board	22	39
L2	13.5	5.0
L3	14.7	5.8
L4	17.5	7.5
L5	21.4	8.6
L6	23.1	9.3
L7	27.9	10.5
L8	31.5	12.5
L9	37.5	13.7
L10	40.7	15.3
L11	42.1	16.3
L12	41.7	16.6
L13	43.8	19.9
L14	48.3	19.9
L15	47.3	17.7
L16	50.6	18.0
L17	51.5	18.2
L18	52.2	19.5
L19	51.7	18.5
C20	52.2	17.7
R19	57.3	19.3
R18	54.7	18.4
R17	55.5	17.9
R16	54.5	17.9
R15	56.7	18.6
R14	57.4	19.9
R13	54.8	17.5
R12	51.8	16.0
R11	50.9	16.9
R10	51.3	15.2
R9	44.6	14.6
R8	35.9	13.4
R7	33.7	12.4
R6	24.7	9.4
R5	23.3	9.4
R4	19.7	8.0
R3	17.7	6.6
R2	15.9	5.9

3:1 Ratio USBC Sport Bowling Pattern Calculations		
At 22 Feet (Two Tapes)		
Right =	23.8	R ratio = 2.2
Left =	20.9	L ratio = 2.5
Center =	53.6	
At 2 Feet Before End of Pattern		
Right =	9.2	R ratio = 2.0
Left =	8.3	L ratio = 2.2
Center =	18.7	
Minimum and Maximum Units		
	22 Feet	2 Feet <
Rmax	57.4	19.9
Rmin	35.9	13.4
Lmax	51.5	19.9
Lmin	31.5	12.5
Minimum and Maximum Transitions		
	22 Feet	2 Feet <
Right	16.7	6.4
Left	14.7	5.8
Center	69.7	24.3
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	13.5	5.0
		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**

