

Pattern Information	
Date	10-Aug-2021
Pattern Type	SPORT
Pattern Difficulty	HIGH
Pattern Volume (ml)	27.10

Pattern Parameters	
Split Pattern	No
Pattern Name	21JPBA_836_N
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	8

Supplies Information	
Lane Cleaner	
Cleaner Mixture Ratio	4 : 1
Cleaner Spray End Distance	65
Lane Conditioner	

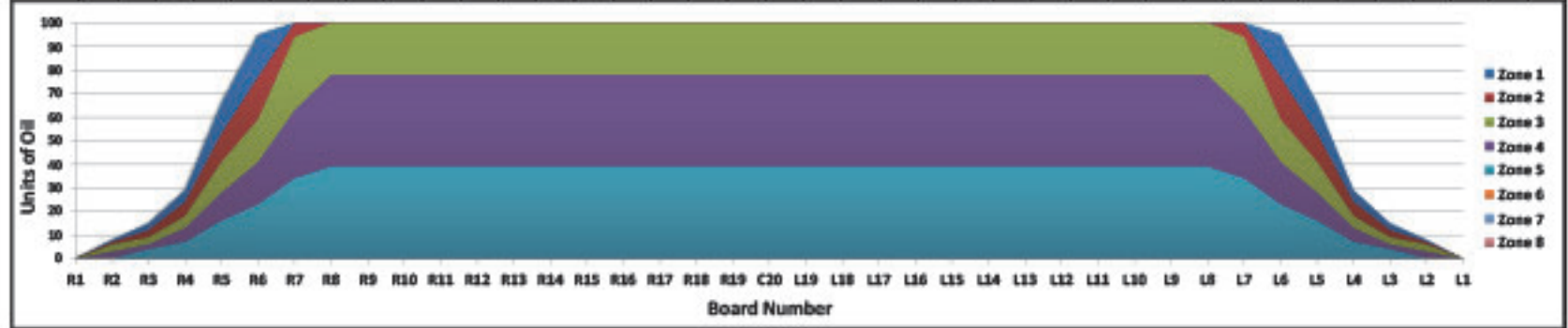
Surface Information	
Surface Type	
Surface Brand	
Age	

Pattern	USBC Ratio	Definitions
SPORT	<4 : 1	
CHALLENGE	4-8 : 1	
RECREATIONAL	>8 : 1	

Notes

Zone	1	2	3	4	5	6	7	8	Pattern Ratio by Volume (3-7:18-18)
Zone End Distance	6	11	16	20	26	35			
Zone Ratio	L 1.8 : 1 R 1.8 : 1	L 1.8 : 1 R 1.8 : 1	L 2.2 : 1 R 2.2 : 1	L 2.5 : 1 R 2.5 : 1	L 2.3 : 1 R 2.3 : 1	L : R :	L : R :	L : R :	L 2.00 : 1 R 2.00 : 1
Zone Volume (ml)	7.88	8.38	8.18	3.79	2.87	0.00			

ZONE	7 Pin Side														Board Number				10 Pin Side																										
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	C20	R19	R18	R17	R16	R15	R14	R13	R12	R11	R10	R9	R8	R7	R6	R5	R4	R3	R2	R1						
1	0	8	15	29	66	95	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	95	66	29	15	8	0							
2	0	7	12	24	53	77	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	77	53	24	12	7	0							
3	0	6	9	18	41	59	94	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	94	59	41	18	9	6	0								
4	0	3	6	13	28	41	63	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	63	41	28	13	6	3	0				
6	0	0	4	7	16	23	34	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0			
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7																																													
8																																													





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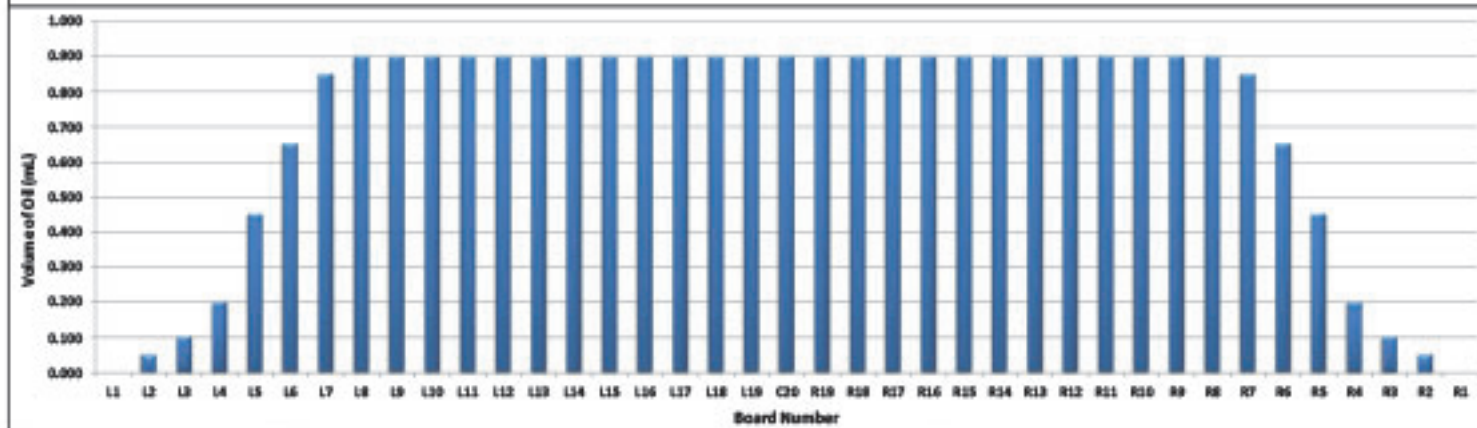
Crosswise Ratios (by units)

Zone	Average	Ratio
Zone 1		
3L-7L Left =	81.0	1.6
3R-7R Right =	81.0	1.6
18L-18R Center =	100.0	
Zone 2		
3L-7L Left =	53.2	1.8
3R-7R Right =	53.2	1.8
18L-18R Center =	100.0	
Zone 3		
3L-7L Left =	44.2	2.3
3R-7R Right =	44.2	2.3
18L-18R Center =	100.0	
Zone 4		
3L-7L Left =	39.2	2.5
3R-7R Right =	39.2	2.5
18L-18R Center =	71.9	

Crosswise Ratios (by ml)

Zone	Average	Ratio
Zone 1		
3L-7L Left =	0.153	1.6
3R-7R Right =	0.153	1.6
18L-18R Center =	0.251	
Zone 2		
3L-7L Left =	0.111	1.8
3R-7R Right =	0.111	1.8
18L-18R Center =	0.210	
Zone 3		
3L-7L Left =	0.090	2.3
3R-7R Right =	0.090	2.3
18L-18R Center =	0.210	
Zone 4		
3L-7L Left =	0.051	2.5
3R-7R Right =	0.051	2.5
18L-18R Center =	0.121	

The above crosswise ratios are calculated by the average units of oil for boards 18L - 18R and divided by the average units of oil for board 3 - 7 left and right.



3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-19R	18L-18R:12R-8R	18L-18R:7R-3R
Outside Track: Middle	Middle Track: Middle	Inside Track: Middle	Middle: Inside Track	Middle: Middle Track	Middle: Outside Track
1.99	1.00	1.00	1.00	1.00	1.99



Lengthwise Ratio By Area			
	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.1	1.0	1.1
Zone 3	1.3	1.0	1.3
Zone 4	2.0	1.2	2.0
Zone 5	3.6	2.5	3.6
Zone 6			
Zone 7			
Zone 8			

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Lengthwise Ratio By Board (units & ml)

Zone	7 Pin Side										Board Number										10 Pin Side																	
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	C20	R19	R18	R17	R16	R15	R14	R13	R12	R11	R10	R9	R8	R7	R6	R5	R4	R3	R2
2		1.1	1.3	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.3	1.1		
3		1.3	1.7	1.6	1.6	1.6	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.6	1.6	1.6	1.7	1.3			
4		2.7	2.5	2.2	2.4	2.3	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.3	2.4	2.2	2.5	2.7			
5			3.8	4.1	4.1	4.1	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.9	4.1	4.1	4.1	3.8				
6																																						
7																																						
8																																						

The lengthwise ratios are calculated from the volumes in the first zone.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32