

**Pattern Information**

Date	10-Aug-2021
Pattern Type	SPORT
Pattern Difficulty	HIGH
Pattern Volume (ml)	28.65

**Pattern Parameters**

Split Pattern	No
Pattern Name	2021JPBA_S33
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	6

**Supplies Information**

Lane Cleaner	
Cleaner Mixture Ratio	4 : 1
Cleaner Spray End Distance	55
Lane Conditioner	

**Surface Information**

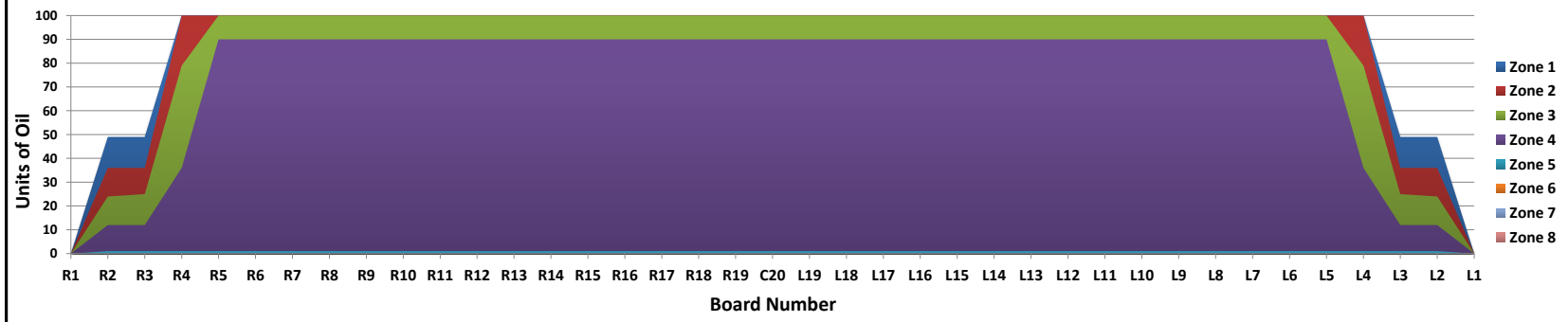
Surface Type	
Surface Brand	
Age	

SPORT	<4 : 1	USBC Ratio Definitions
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	4	9	14	21	30	33			
Zone Ratio	L 1.1 : 1	1.1 : 1	1.2 : 1	1.4 : 1	1.0 : 1	:	:	:	L 1.23 : 1
	R 1.1 : 1	1.1 : 1	1.2 : 1	1.4 : 1	1.0 : 1	:	:	:	R 1.23 : 1
Zone Volume (ml)	5.86	7.22	7.03	8.54	0.00	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	49	49	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	100	100	100	100	100	100	100	100	49	49	0
2	0	36	36	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	100	100	100	100	100	100	100	100	36	36	0
3	0	24	25	79	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	100	100	100	100	100	79	25	24	0	
4	0	12	12	36	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	36	12	12	0
5	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	
6	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																																								





2021JPBA\_S33

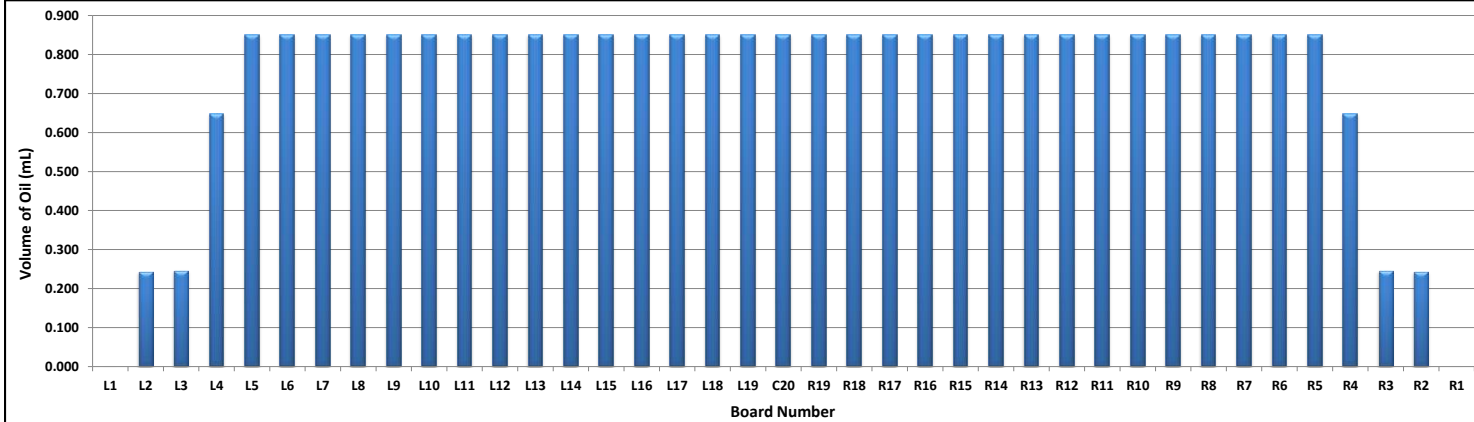
Crosswise Ratios (by units)

Zone 1			Zone 2			Zone 3			Zone 4			Zone 5			Zone 6			Zone 7			Zone 8					
	Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio			
3L-7L	89.8	1.1	3L-7L	87.2	1.1	3L-7L	80.8	1.2	3L-7L	63.6	1.4	3L-7L	1.0	1.0	3L-7L	0.0		3L-7L			3L-7L			3L-7L		
3R-7R	89.8	1.1	3R-7R	87.2	1.1	3R-7R	80.8	1.2	3R-7R	63.6	1.4	3R-7R	1.0	1.0	3R-7R	0.0		3R-7R			3R-7R			3R-7R		
18L-18R	100.0		18L-18R	100.0		18L-18R	100.0		18L-18R	90.0		18L-18R	1.0	1.0	18L-18R	0.0		18L-18R			18L-18R			18L-18R		

Crosswise Ratios (by ml)

Zone 1			Zone 2			Zone 3			Zone 4			Zone 5			Zone 6			Zone 7			Zone 8					
	Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio
3L-7L	0.151	1.1	3L-7L	0.183	1.1	3L-7L	0.169	1.2	3L-7L	0.187	1.4	3L-7L	0.000		3L-7L	0.000		3L-7L			3L-7L			3L-7L		
3R-7R	0.151	1.1	3R-7R	0.183	1.1	3R-7R	0.169	1.2	3R-7R	0.187	1.4	3R-7R	0.000		3R-7R	0.000		3R-7R			3R-7R			3R-7R		
18L-18R	0.168		18L-18R	0.210		18L-18R	0.210		18L-18R	0.264		18L-18R	0.000		18L-18R	0.000		18L-18R			18L-18R			18L-18R		

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-13R	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
1.23	1.00	1.00	1.00	1.00	1.23



2021JPBA\_S33



55

50

45

40

35

30

25

20

15

10

5

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1