

Pattern Information

Date16-Jul-2024

Pattern TypeCHALLENGE

Pattern DifficultyMEDIUM

Pattern Volume (ml)27.91

Pattern Parameters

Split PatternNo

Pattern Name24YMNSLADYT

Start Cleaner Spray0

Start Squeegee0

Start Oiling6

Supplies Information

Lane Cleaner

Cleaner Mixture Ratio4 : 1

Cleaner Spray End Distance50

Lane Conditioner

Surface Information

Surface Type

Surface Brand

Age

SPORT<4 : 1

CHALLENGE4-8 : 1

RECREATIONAL>8 : 1

USBC Ratio Definitions

Notes

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Zone1

Zone End Distance5

Zone RatioL3.1 : 1
R3.1 : 1

Zone Volume (ml)5.83

Zone2

Zone End Distance10

Zone RatioL4.0 : 1
R4.0 : 1

Zone Volume (ml)5.52

Zone3

Zone End Distance17

Zone RatioL5.0 : 1
R5.0 : 1

Zone Volume (ml)6.96

Zone4

Zone End Distance24

Zone RatioL5.1 : 1
R5.1 : 1

Zone Volume (ml)4.86

Zone5

Zone End Distance36

Zone RatioL5.4 : 1
R5.4 : 1

Zone Volume (ml)4.73

Zone6

Zone End Distance44

Zone RatioL:
R:

Zone Volume (ml)0.00

Zone7

Zone End Distance

Zone RatioL:
R:

Zone Volume (ml)

Zone8

Zone End Distance

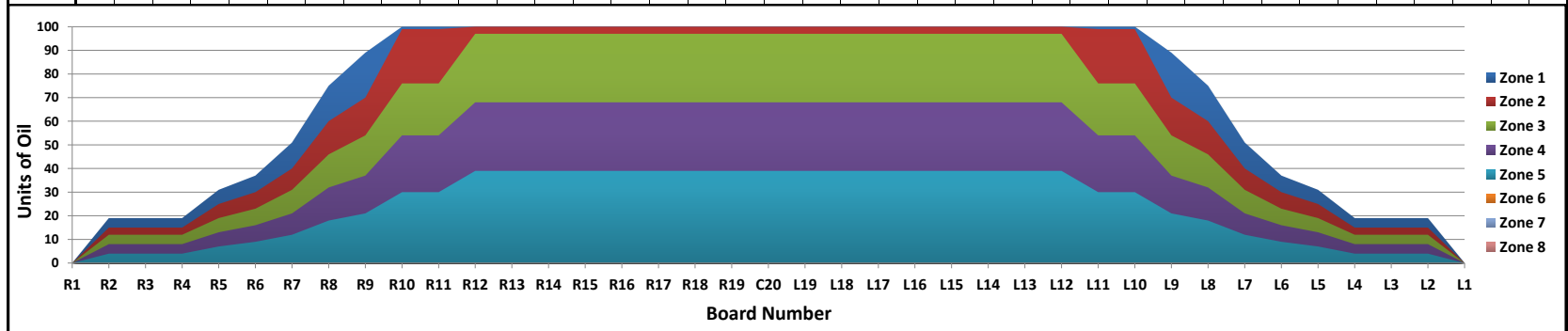
Zone RatioL:
R:

Zone Volume (ml)

Pattern Ratio by Volume
(3-7:18-18)

L4.40 :1
R4.40 :1

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	19	19	19	31	37	51	75	89	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	89	75	51	37	31	19	19	19	0	
2	0	15	15	15	25	30	40	60	70	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	99	70	60	40	30	25	15	15	15	0
3	0	12	12	12	19	23	31	46	54	76	76	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	76	76	54	46	31	23	19	12	12	12	0	
4	0	8	8	8	13	16	21	32	37	54	54	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	54	54	37	32	21	16	13	8	8	8	0	
5	0	4	4	4	7	9	12	18	21	30	30	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	30	30	21	18	12	9	7	4	4	4	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	
7	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	
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	





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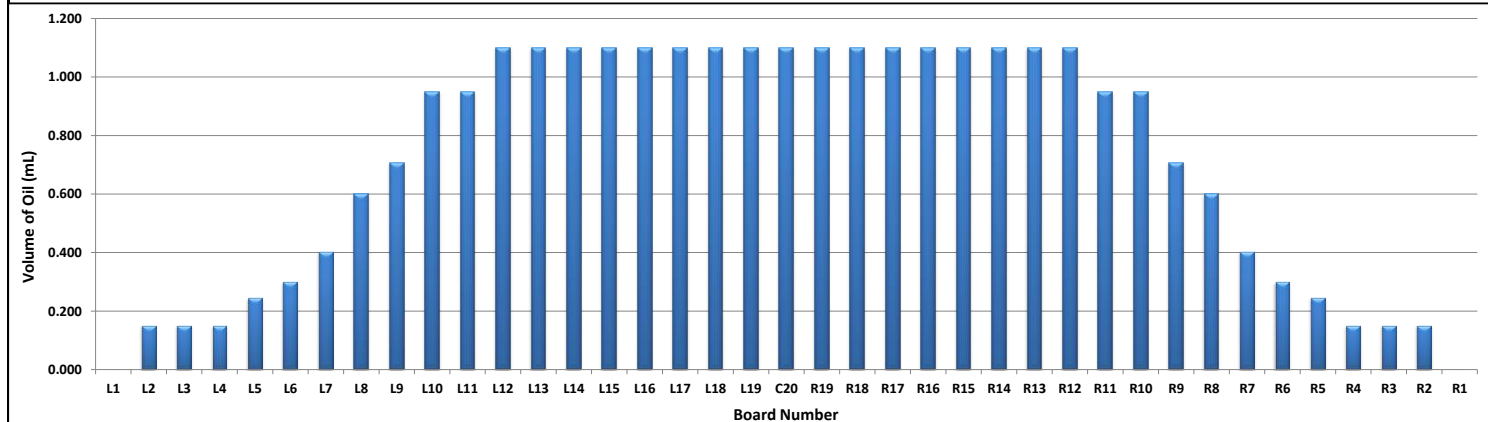
Crosswise Ratios (by units)

Zone 1			
Average	Ratio		
3L-7L Left =	31.4	3.1	
3R-7R Right=	31.4	3.1	
18L-18R Center =	100.0		
Zone 2			
Average	Ratio		
3L-7L Left =	25.0	4.0	
3R-7R Right=	25.0	4.0	
18L-18R Center=	100.0		
Zone 3			
Average	Ratio		
3L-7L Left =	19.4	5.0	
3R-7R Right=	19.4	5.0	
18L-18R Center=	97.0		
Zone 4			
Average	Ratio		
3L-7L Left =	13.2	5.1	
3R-7R Right=	13.2	5.1	
18L-18R Center =	68.0		

Crosswise Ratios (by ml)

Zone 1			
Average	Ratio		
3L-7L Left =	0.066	3.1	
3R-7R Right=	0.066	3.1	
18L-18R Center =	0.210		
Zone 2			
Average	Ratio		
3L-7L Left =	0.052	4.0	
3R-7R Right=	0.052	4.0	
18L-18R Center=	0.210		
Zone 3			
Average	Ratio		
3L-7L Left =	0.057	5.0	
3R-7R Right=	0.057	5.0	
18L-18R Center=	0.285		
Zone 4			
Average	Ratio		
3L-7L Left =	0.039	5.1	
3R-7R Right=	0.039	5.1	
18L-18R Center =	0.200		

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
4.40	1.28	1.00	1.00	1.28	4.40



Lengthwise Ratio By Area			
	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.2	1.0	1.2
Zone 3	1.6	1.0	1.6
Zone 4	2.3	1.4	2.3
Zone 5	4.3	2.5	4.3
Zone 6			
Zone 7			
Zone 8			

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Lengthwise Ratio By Board (units & ml)

	7 Pin Side																	Board Number										10 Pin Side											
Zone	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
2		1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	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	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3		
3		1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	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	1.3	1.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
4		2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.4	1.9	1.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	1.9	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.4		
5		4.8	4.8	4.8	4.4	4.1	4.3	4.2	4.2	3.3	3.3	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	3.3	3.3	4.2	4.2	4.3	4.1	4.4	4.8	4.8	4.8		
6																																							
7																																							
8																																							

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

