Brunswick

PBA — Official Lane Maintenance and Capital Equipment Provider

DIRECT+ Conditioning System

X ENVOY

X AUTHORITY22®

Select Machine

Pattern Information

Date	16-Feb-22
Pattern Type	Sport
Pattern Difficulty	Medium
Pattern Designer	JS
Pattern Volume (ml)	20,72

Surface Information

Surface Type	
Surface Brand	Brunswick Pro Lane
Age	

Pattern Parameters

Pattern Number	
Pattern Name	2022 SM Jun v2
Mode	Clean & Oil
Forward Speed	Quick Clean
Start Cleaner Spray	
Start Squeegee	0
Start Oiling	6
Split Pattern	No

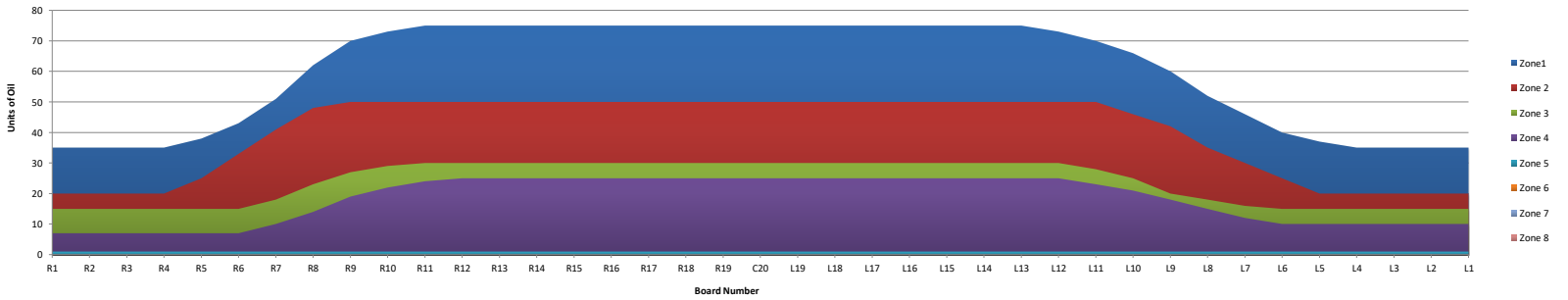
Supplies Information

Lane Cleaner	Judge	
Cleaner Mixture Ratio	: 1	
Cleaner Transition Distance		Authority22
Cleaner Spray End Distance	50	Envoy
Lane Conditioner	Logic	

Notes

Zone	1	2	3	4	5	6	7	8
Zone End Distance	12	18	28	32	40			
Zone Ratio L	1,9 : 1	2,1 : 1	1,9 : 1	2,4 : 1	1,0 : 1	### : 1	### : 1	### : 1
Zone Ratio R	1,8 : 1	1,7 : 1	1,9 : 1	3,2 : 1	1,0 : 1	### : 1	### : 1	### : 1
Zone Volume (ml)	11,75	3,91	3,87	1,18	0,00	0,00	0,00	0,00

ZONE	7 Pin Side																		Board Number																					
	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	35	35	35	35	37	40	46	52	60	66	70	73	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	73	70	62	51	43	38	35	35	35	35
2	20	20	20	20	20	25	30	35	42	46	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	48	41	33	25	20	20	20	20
3	15	15	15	15	15	15	16	18	20	25	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	27	23	18	15	15	15	15	15	15
4	10	10	10	10	10	10	12	15	18	21	23	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	24	22	19	14	10	7	7	7	7	7	7
5	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	1	1
6																																							
7																																							
8																																							



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2022 SM Jun v2

Crosswise Ratios (by units)

	Zone 1	Average	Ratio
3L-7L	Left =	38,6	1,9
3R-7R	Right=	40,4	1,8
18L-18R	Center =	75,0	

	Zone 2	Average	Ratio
3L-7L	Left =	23,0	2,1
3R-7R	Right=	27,8	1,7
18L-18R	Center=	50,0	

	Zone 3	Average	Ratio
3L-7L	Left =	15,2	1,9
3R-7R	Right=	15,6	1,9
18L-18R	Center=	30,0	

	Zone 4	Average	Ratio
3L-7L	Left =	10,4	2,4
3R-7R	Right=	7,6	3,2
18L-18R	Center =	25,0	

	Zone 5	Average	Ratio
3L-7L	Left =	1,0	1,0
3R-7R	Right=	1,0	1,0
18L-18R	Center=	1,0	

	Zone 6	Average	Ratio
3L-7L	Left =	#######	#######
3R-7R	Right=	#######	#######
18L-18R	Center=	#######	

	Zone 7	Average	Ratio
3L-7L	Left =	#######	#######
3R-7R	Right=	#######	#######
18L-18R	Center =	#######	

	Zone 8	Average	Ratio
3L-7L	Left =	#######	#######
3R-7R	Right=	#######	#######
18L-18R	Center=	#######	

Crosswise Ratios (by ml)

	Zone 1	Average	Ratio
3L-7L	Left =	0,194	1,9
3R-7R	Right=	0,203	1,8
18L-18R	Center =	0,377	

	Zone 2	Average	Ratio
3L-7L	Left =	0,058	2,1
3R-7R	Right=	0,070	1,7
18L-18R	Center=	0,126	

	Zone 3	Average	Ratio
3L-7L	Left =	0,064	1,9
3R-7R	Right=	0,065	1,9
18L-18R	Center=	0,126	

	Zone 4	Average	Ratio
3L-7L	Left =	0,017	2,4
3R-7R	Right=	0,013	3,2
18L-18R	Center =	0,042	

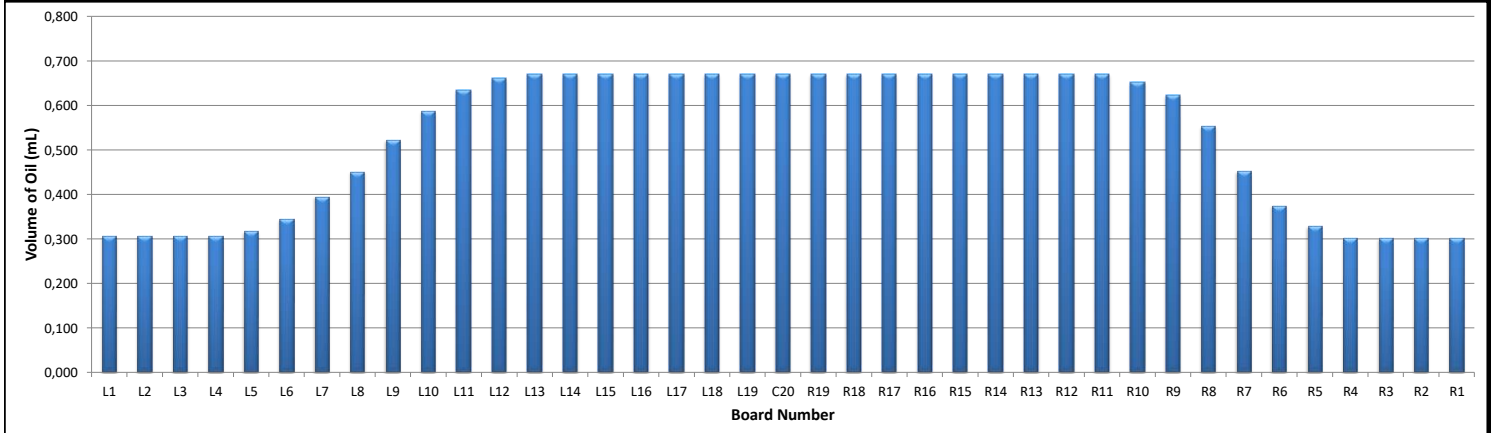
	Zone 5	Average	Ratio
3L-7L	Left =	0,000	#######
3R-7R	Right=	0,000	#######
18L-18R	Center=	0,000	

	Zone 6	Average	Ratio
3L-7L	Left =	0,000	#######
3R-7R	Right=	0,000	#######
18L-18R	Center=	0,000	

	Zone 7	Average	Ratio
3L-7L	Left =	0,000	#######
3R-7R	Right=	0,000	#######
18L-18R	Center =	0,000	

	Zone 8	Average	Ratio
3L-7L	Left =	0,000	#######
3R-7R	Right=	0,000	#######
18L-18R	Center=	0,000	

The 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	Ratio by Total Volume	18L-18R:7R-3R
2,01	1	1,91

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Lengthwise Ratio By Area

	3L-7L	18L-18R	3R-7R
	Left	**Center**	**Right**
Zone 2	**1,6**	**1,5**	**1,4**
Zone 3	**2,5**	**2,5**	**2,5**
Zone 4	**3,7**	**3,0**	**5,3**
Zone 5	**38,6**	**75,0**	**40,4**
Zone 6	******	******	******
Zone 7	******	******	******
Zone 8	******	******	******

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Lengthwise Ratio By Board (units & ml)

	7 Pin Side																																									
	Board Number																																									
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	1,8	1,8	1,8	1,8	1,9	1,6	1,5	1,5	1,4	1,4	1,4	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	1,5	1,5	1,5	1,4	1,3	1,2	1,3	1,5	1,8	1,8	1,8	1,8
3	2,3	2,3	2,3	2,3	2,5	2,7	2,9	2,9	3,0	2,6	2,5	2,4	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,6	2,7	2,8	2,9	2,5	2,3	2,3	2,3	2,3
4	3,5	3,5	3,5	3,5	3,7	4,0	3,8	3,5	3,3	3,1	3,0	2,9	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,0	3,1	3,3	3,7	4,4	5,1	6,1	5,4	5,0	5,0	5,0	5,0
5	35,0	35,0	35,0	35,0	37,0	40,0	46,0	52,0	60,0	66,0	70,0	73,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	73,0	70,0	62,0	51,0	43,0	38,0	35,0	35,0	35,0	35,0
6	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
7	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
8	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####