Brunswick | DIRECT+ Conditioning System | X ENVOY | X AUTHORITY22®

PBA — Official Lane Maintenance and Capital Equipment Provider

Select Machine

Pattern Information

Date	
Pattern Type	Competitive
Pattern Difficulty	Medium
Pattern Designer	BRUNSWICK
Pattern Volume (ml)	29.45

Surface Information

Surface Type	
Surface Brand	
Age	

Pattern Parameters

Pattern Number	
Pattern Name	第45回実業団産業別
Mode	Clean & Oil
Forward Speed	Max Clean
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	6
Split Pattern	No

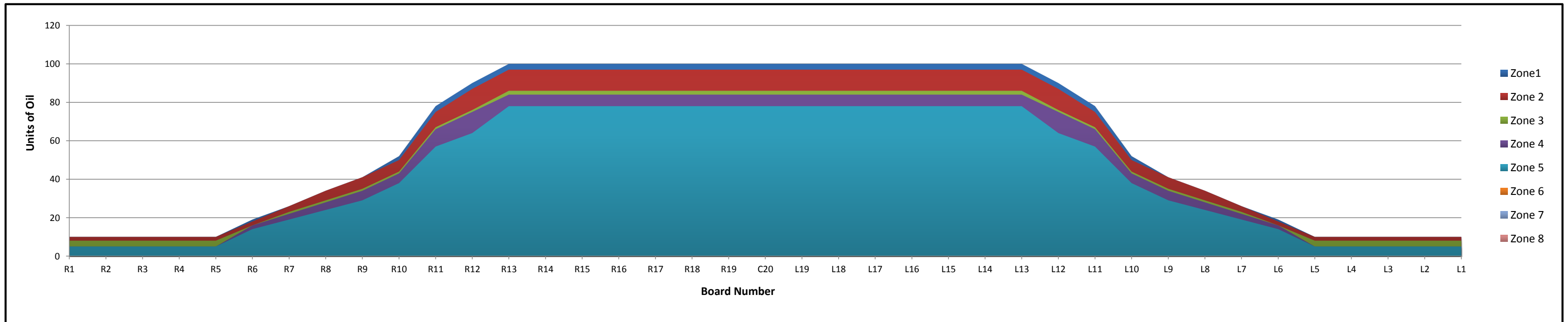
Supplies Information

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

Notes

Zone	1	2	3	4	5	6	7	8	Pattern Ratio by Volume
Zone End Distance	7.5	15.5	21	25.5	35	43			
Zone Ratio L	6.6 : 1	6.5 : 1	6.8 : 1	7.9 : 1	8.1 : 1	### : 1	### : 1	### : 1	7.10 : 1
Zone Ratio R	6.6 : 1	6.5 : 1	6.8 : 1	7.9 : 1	8.1 : 1	### : 1	### : 1	### : 1	7.10 : 1
Zone Volume (ml)	7.17	7.43	4.50	3.54	6.81	0.00	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	10	10	10	10	10	19	26	34	41	52	78	90	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	90	78	52	41	34	26	19	10	10	10	10	10
2	10	10	10	10	10	18	26	34	41	50	75	87	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	87	75	50	41	34	26	18	10	10	10	10	10
3	8	8	8	8	8	16	23	29	35	44	67	76	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	76	67	44	35	29	23	16	8	8	8	8	8
4	5	5	5	5	5	16	22	28	34	43	66	75	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	75	66	43	34	28	22	16	5	5	5	5	5
5	5	5	5	5	5	14	19	24	29	38	57	64	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	64	57	38	29	24	19	14	5	5	5	5	5
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
7																																							
8																																							



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Crosswise Ratios (by units)

	Zone 1	Average	Ratio
3L-7L	Left =	15.0	6.6
3R-7R	Right=	15.0	6.6
18L-18R	Center =	100.0	

	Zone 2	Average	Ratio
3L-7L	Left =	14.8	6.5
3R-7R	Right=	14.8	6.5
18L-18R	Center=	97.0	

	Zone 3	Average	Ratio
3L-7L	Left =	12.6	6.8
3R-7R	Right=	12.6	6.8
18L-18R	Center=	86.0	

	Zone 4	Average	Ratio
3L-7L	Left =	10.6	7.9
3R-7R	Right=	10.6	7.9
18L-18R	Center =	84.0	

	Zone 5	Average	Ratio
3L-7L	Left =	9.6	8.1
3R-7R	Right=	9.6	8.1
18L-18R	Center=	78.0	

	Zone 6	Average	Ratio
3L-7L	Left =	0.0	#DIV/0!
3R-7R	Right=	0.0	#DIV/0!
18L-18R	Center=	0.0	

	Zone 7	Average	Ratio
3L-7L	Left =	#DIV/0!	#DIV/0!
3R-7R	Right=	#DIV/0!	#DIV/0!
18L-18R	Center =	#DIV/0!	

	Zone 8	Average	Ratio
3L-7L	Left =	#DIV/0!	#DIV/0!
3R-7R	Right=	#DIV/0!	#DIV/0!
18L-18R	Center=	#DIV/0!	

Crosswise Ratios (by ml)

	Zone 1	Average	Ratio
3L-7L	Left =	0.047	6.6
3R-7R	Right=	0.047	6.6
18L-18R	Center =	0.314	

	Zone 2	Average	Ratio
3L-7L	Left =	0.050	6.5
3R-7R	Right=	0.050	6.5
18L-18R	Center=	0.325	

	Zone 3	Average	Ratio
3L-7L	Left =	0.029	6.8
3R-7R	Right=	0.029	6.8
18L-18R	Center=	0.198	

	Zone 4	Average	Ratio
3L-7L	Left =	0.020	7.9
3R-7R	Right=	0.020	7.9
18L-18R	Center =	0.158	

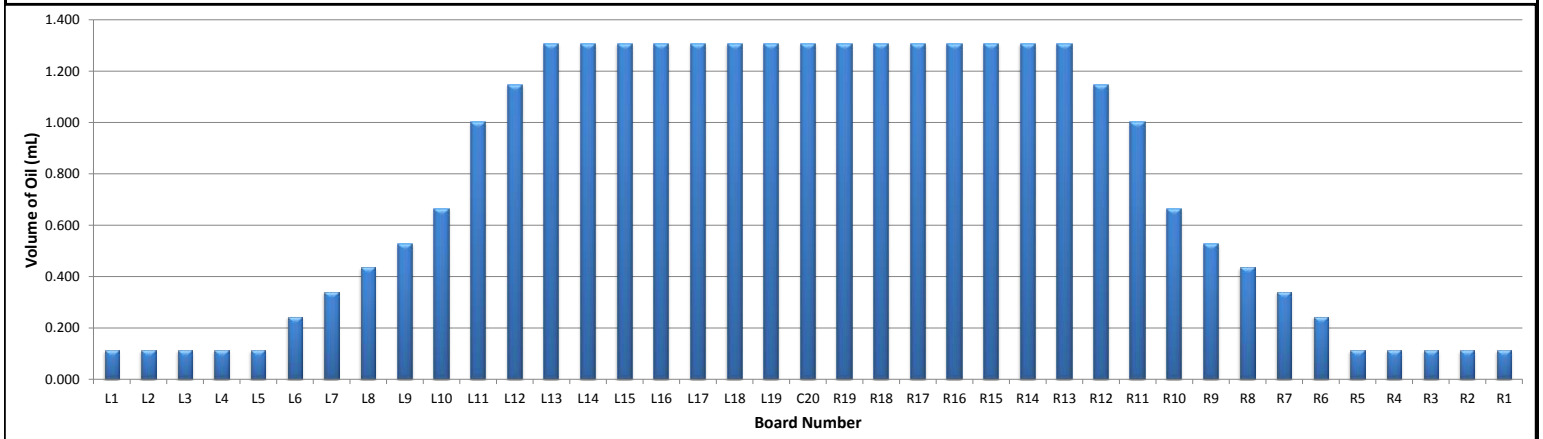
	Zone 5	Average	Ratio
3L-7L	Left =	0.038	8.1
3R-7R	Right=	0.038	8.1
18L-18R	Center=	0.311	

	Zone 6	Average	Ratio
3L-7L	Left =	0.000	#DIV/0!
3R-7R	Right=	0.000	#DIV/0!
18L-18R	Center=	0.000	

	Zone 7	Average	Ratio
3L-7L	Left =	0.000	#DIV/0!
3R-7R	Right=	0.000	#DIV/0!
18L-18R	Center =	0.000	

	Zone 8	Average	Ratio
3L-7L	Left =	0.000	#DIV/0!
3R-7R	Right=	0.000	#DIV/0!
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
7.10	1	7.10

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Lengthwise Ratio By Area

	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.0	1.0	1.0
Zone 3	1.1	1.1	1.1
Zone 4	1.4	1.1	1.4
Zone 5	1.5	1.2	1.5
Zone 6	#DIV/0!	#DIV/0!	#DIV/0!
Zone 7	#DIV/0!	#DIV/0!	#DIV/0!
Zone 8	#DIV/0!	#DIV/0!	#DIV/0!

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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	1.0	1.0	1.0	1.0	1.0	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	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0
3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.3	1.3	1.3	1.3	1.3
4	2.0	2.0	2.0	2.0	2.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.0	2.0	2.0	2.0	2.0
5	2.0	2.0	2.0	2.0	2.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	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	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.0	2.0	2.0	2.0	2.0
6	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
7	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
8	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####

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