Brunswick

PBA — Official Lane Maintenance and Capital Equipment Provider

DIRECT+ Conditioning System

X ENVOY

AUTHORITY22®

Select Machine

Pattern Information

Date	26-Jan-16
Pattern Type	Sport
Pattern Difficulty	Medium
Pattern Designer	VBS
Pattern Volume (ml)	22,64

Surface Information

Surface Type	Synthetic
Surface Brand	Brunswick Pro Lane
Age	16

Pattern Parameters

Pattern Number	1
Pattern Name	NM 2016
Mode	Clean & Oil
Forward Speed	Max Clean
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	6
Split Pattern	No

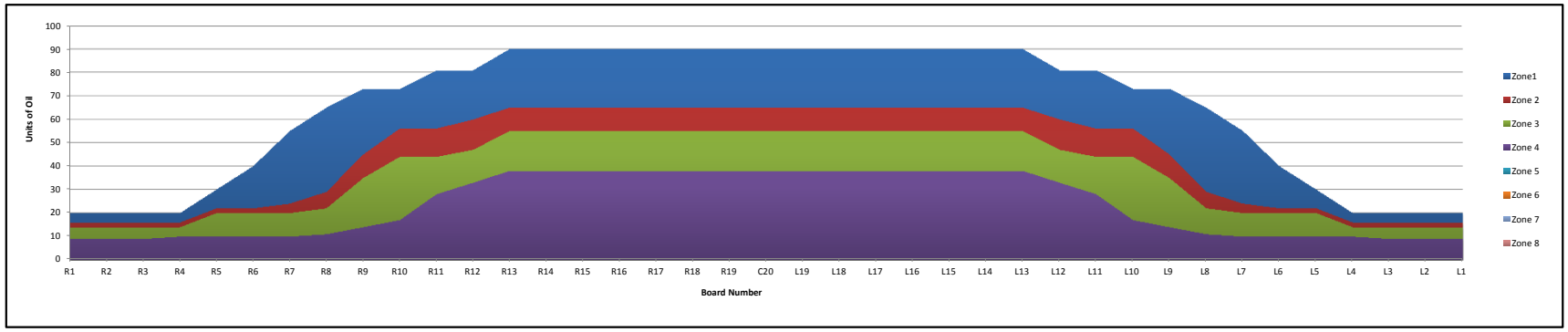
Supplies Information

Lane Cleaner	Max	
Cleaner Mixture Ratio	20 : 1	
Cleaner Transition Distance	48	Authority22
Cleaner Spray End Distance	53	Envoy
Lane Conditioner	Logic	

Notes

Zone	1	2	3	4	5	6	7	8
Zone End Distance	9	16	25	32	40			
Zone Ratio L	2,7 : 1	3,2 : 1	3,1 : 1	3,8 : 1	### : 1	### : 1	### : 1	### : 1
Zone Ratio R	2,7 : 1	3,2 : 1	3,1 : 1	3,8 : 1	### : 1	### : 1	### : 1	### : 1
Zone Volume (ml)	9,45	5,08	5,44	2,67	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	20	20	20	20	30	40	55	65	73	73	81	81	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	81	81	73	73	65	55	40	30	20	20	20	20
2	16	16	16	16	22	22	24	29	45	56	56	60	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	60	56	56	45	29	24	22	22	16	16	16	16
3	14	14	14	14	20	20	20	22	35	44	44	47	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	47	44	44	35	22	20	20	20	14	14	14	14
4	9	9	9	10	10	10	10	11	14	17	28	33	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	33	28	17	14	11	10	10	10	10	9	9	9
5	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
6																																							
7																																							
8																																							



NM 2016

Crosswise Ratios (by units)

	Zone 1	Average	Ratio
3L-7L	Left =	33,0	2,7
3R-7R	Right=	33,0	2,7
18L-18R	Center =	90,0	

	Zone 2	Average	Ratio
3L-7L	Left =	20,0	3,2
3R-7R	Right=	20,0	3,2
18L-18R	Center=	65,0	

	Zone 3	Average	Ratio
3L-7L	Left =	17,6	3,1
3R-7R	Right=	17,6	3,1
18L-18R	Center=	55,0	

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

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

	Zone 6	Average	Ratio
3L-7L	Left =	#DIV/0!	#DIV/0!
3R-7R	Right=	#DIV/0!	#DIV/0!
18L-18R	Center=	#DIV/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 =	0,124	2,7
3R-7R	Right=	0,124	2,7
18L-18R	Center =	0,340	

	Zone 2	Average	Ratio
3L-7L	Left =	0,059	3,2
3R-7R	Right=	0,059	3,2
18L-18R	Center=	0,191	

	Zone 3	Average	Ratio
3L-7L	Left =	0,066	3,1
3R-7R	Right=	0,066	3,1
18L-18R	Center=	0,207	

	Zone 4	Average	Ratio
3L-7L	Left =	0,029	3,8
3R-7R	Right=	0,029	3,8
18L-18R	Center =	0,111	

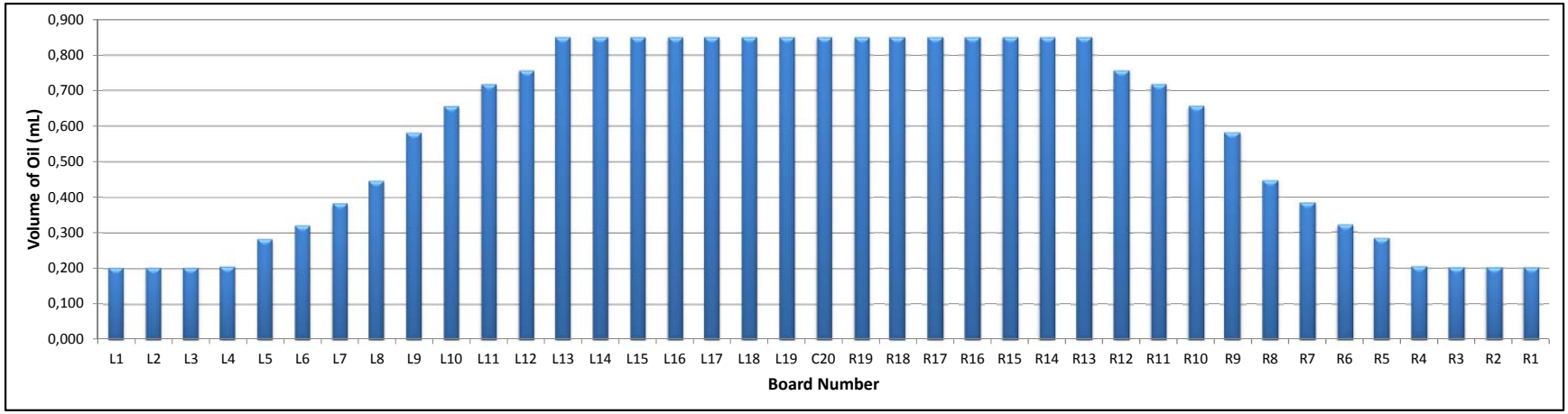
	Zone 5	Average	Ratio
3L-7L	Left =	0,000	#DIV/0!
3R-7R	Right=	0,000	#DIV/0!
18L-18R	Center=	0,000	

	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.



Brunswick® DIRECT+ Conditioning System ENVOY AUTHORITY22®

Lengthwise Ratio By Area

	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1,6	1,3	1,6
Zone 3	1,8	1,6	1,8
Zone 4	3,3	2,3	3,3
Zone 5	#DIV/0!	#DIV/0!	#DIV/0!
Zone 6	#DIV/0!	#DIV/0!	#DIV/0!
Zone 7	#DIV/0!	#DIV/0!	#DIV/0!
Zone 8	#DIV/0!	#DIV/0!	#DIV/0!

NM 2016

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	10 Pin Side		
2	1,3	1,3	1,3	1,3	1,4	1,8	2,3	2,2	1,6	1,3	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,3	1,6	2,2	2,3	1,8	1,4	1,3	1,3	1,3	1,3			
3	1,4	1,4	1,4	1,4	1,5	2,0	2,8	3,0	2,1	1,7	1,8	1,7	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,7	1,8	1,7	2,1	3,0	2,8	2,0	1,5	1,4	1,4	1,4	1,4			
4	2,2	2,2	2,2	2,0	3,0	4,0	5,5	5,9	5,2	4,3	2,9	2,5	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,5	2,9	4,3	5,2	5,9	5,5	4,0	3,0	2,0	2,2	2,2	2,2			
5	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
6	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
7	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
8	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####