



Official Lane Maintenance and Capital Equipment Provider

DIRECT+
Conditioning System



ENVOY



AUTHORITY22

Select Machine

Pattern Information

Date	30-Jun-14
Pattern Type	Competitive
Pattern Difficulty	Medium
Pattern Designer	Pat Mitchell
Pattern Volume (ml)	21.90

Surface Information

Surface Type	Synthetic
Surface Brand	Brunswick Anvil Lane
Age	20+

Pattern Parameters

Pattern Number	1
Pattern Name	2014 BEO
Mode	Clean & Oil
Forward Speed	Max Clean
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	6
Split Pattern	No

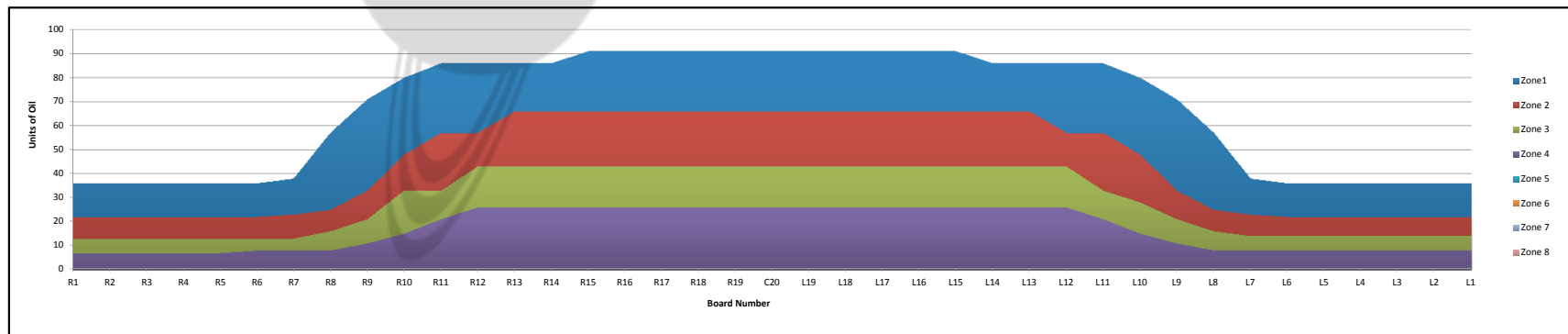
Supplies Information

Lane Cleaner	BRUNSWICK MAX10
Cleaner Mixture Ratio	: 1
Cleaner Transition Distance	Authority22
Cleaner Spray End Distance	53 Envoy
Lane Conditioner	BRUNSWICK DEFY

Notes **BOWLING LA PLAJA**
CATANIA, SICILY, IT

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
Zone End Distance	9	19	25	32	39			
Zone Ratio	L 2.5 : 1	2.9 : 1	3.0 : 1	3.2 : 1	### : 1	### : 1	### : 1	### : 1
	R 2.5 : 1	2.9 : 1	3.3 : 1	3.5 : 1	### : 1	### : 1	### : 1	### : 1
Zone Volume (ml)	9.86	7.29	2.82	1.93	0.00	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	36	36	36	36	36	36	38	57	71	80	86	86	86	86	91	91	91	91	91	91	91	91	91	91	86	86	86	86	80	71	57	38	36	36	36	36	36	36	36		
2	22	22	22	22	22	22	23	25	33	48	57	57	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	57	57	48	33	25	23	22	22	22	22	22	22		
3	14	14	14	14	14	14	14	16	21	28	33	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	33	33	21	16	13	13	13	13	13	13	13	13		
4	8	8	8	8	8	8	8	8	11	15	21	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	21	15	11	8	8	8	7	7	7	7	7	7		
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	0	
6																																									
7																																									
8																																									



2014 BEO

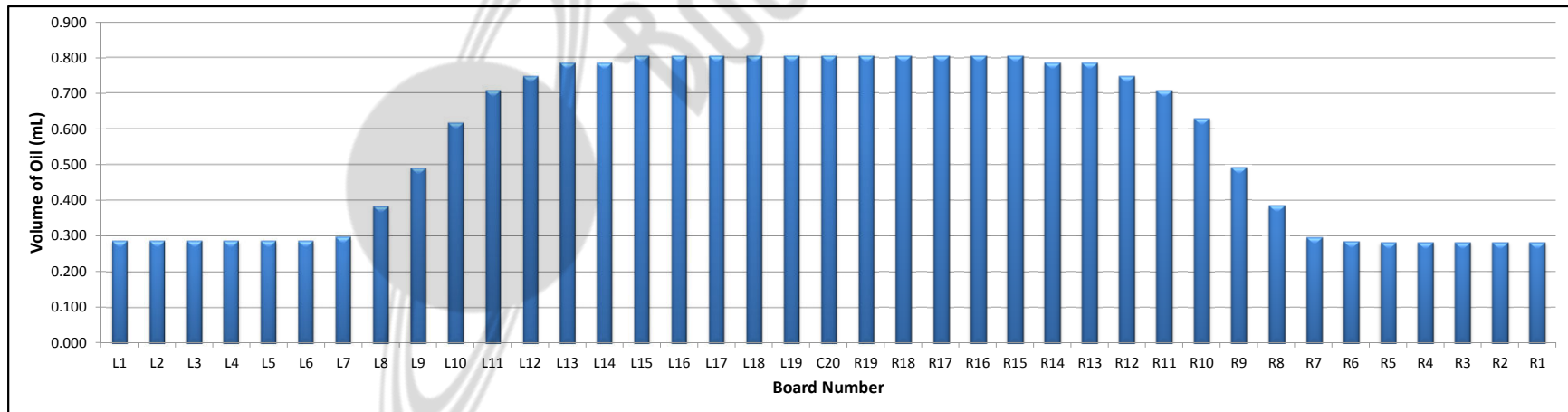
Crosswise Ratios (by units)

Zone 1			Zone 2			Zone 3			Zone 4		
	Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio
3L-7L	Left = 36.4	2.5	3L-7L	Left = 22.2	2.9	3L-7L	Left = 14.0	3.0	3L-7L	Left = 8.0	3.2
3R-7R	Right = 36.4	2.5	3R-7R	Right = 22.2	2.9	3R-7R	Right = 13.0	3.3	3R-7R	Right = 7.4	3.5
18L-18R	Center = 91.0		18L-18R	Center = 66.0		18L-18R	Center = 43.0		18L-18R	Center = 26.0	
Zone 5			Zone 6			Zone 7			Zone 8		
	Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio
3L-7L	Left = 0.0	#DIV/0!	3L-7L	Left = #DIV/0!	#DIV/0!	3L-7L	Left = #DIV/0!	#DIV/0!	3L-7L	Left = #DIV/0!	#DIV/0!
3R-7R	Right = 0.0	#DIV/0!	3R-7R	Right = #DIV/0!	#DIV/0!	3R-7R	Right = #DIV/0!	#DIV/0!	3R-7R	Right = #DIV/0!	#DIV/0!
18L-18R	Center = 0.0		18L-18R	Center = #DIV/0!		18L-18R	Center = #DIV/0!		18L-18R	Center = #DIV/0!	

Crosswise Ratios (by ml)

Zone 1			Zone 2			Zone 3			Zone 4		
	Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio
3L-7L	Left = 0.137	2.5	3L-7L	Left = 0.093	2.9	3L-7L	Left = 0.035	3.0	3L-7L	Left = 0.023	3.2
3R-7R	Right = 0.137	2.5	3R-7R	Right = 0.093	2.9	3R-7R	Right = 0.033	3.3	3R-7R	Right = 0.022	3.5
18L-18R	Center = 0.343		18L-18R	Center = 0.277		18L-18R	Center = 0.108		18L-18R	Center = 0.076	
Zone 5			Zone 6			Zone 7			Zone 8		
	Average	Ratio		Average	Ratio		Average	Ratio		Average	Ratio
3L-7L	Left = 0.000	#DIV/0!	3L-7L	Left = 0.000	#DIV/0!	3L-7L	Left = 0.000	#DIV/0!	3L-7L	Left = 0.000	#DIV/0!
3R-7R	Right = 0.000	#DIV/0!	3R-7R	Right = 0.000	#DIV/0!	3R-7R	Right = 0.000	#DIV/0!	3R-7R	Right = 0.000	#DIV/0!
18L-18R	Center = 0.000		18L-18R	Center = 0.000		18L-18R	Center = 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.





Lengthwise Ratio By Area

	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.6	1.3	1.6
Zone 3	2.6	2.1	2.8
Zone 4	4.5	3.5	4.9
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!

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Lengthwise Ratio By Board (units & ml)

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		
2	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.3	2.2	1.7	1.5	1.5	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.5	1.5	1.7	2.2	2.3	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6		
3	2.6	2.6	2.6	2.6	2.6	2.6	2.7	3.6	3.4	2.9	2.6	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.6	2.4	3.4	3.6	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8		
4	4.5	4.5	4.5	4.5	4.5	4.5	4.8	7.1	6.5	5.3	4.1	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.3	4.1	5.3	6.5	7.1	4.8	4.5	5.1	5.1	5.1	5.1	5.1	5.1		
5	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###
6	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###
7	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###
8	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###

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

