Brunswick® DIRECT+ Conditioning System

X ENVOY

X AUTHORITY22®

Select Machine

Pattern Information

Date	4-Dec-2013
Pattern Type	Sport
Pattern Difficulty	High
Pattern Designer	Pat Mitchell
Pattern Volume (ml)	22.99

Surface Information

Surface Type	Synthetic
Surface Brand	Brunswick Pro Lane
Age	4

Pattern Parameters

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

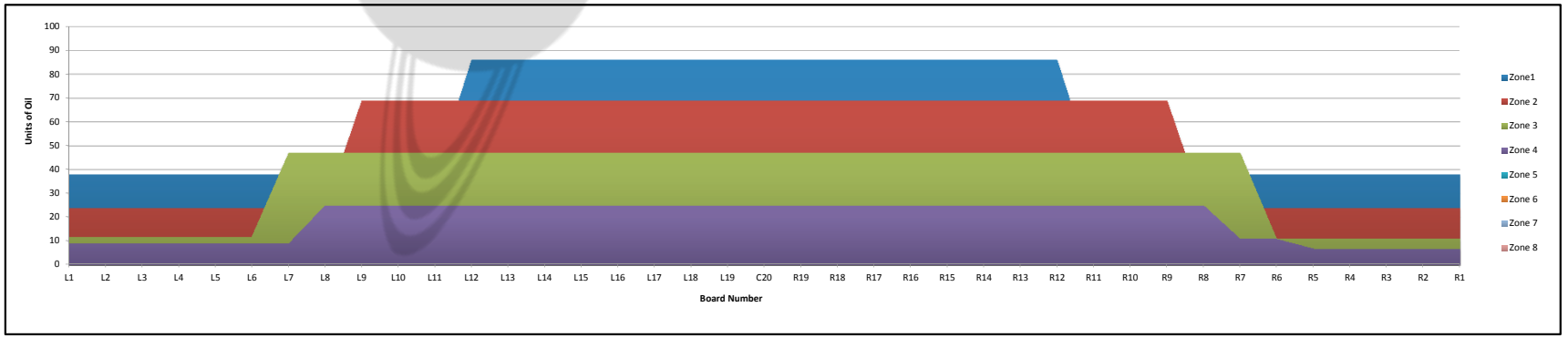
Supplies Information

Lane Cleaner	Brunswick MAX10	
Cleaner Mixture Ratio	10 : 1	
Cleaner Transition Distance	41	Authority22
Cleaner Spray End Distance	53	Envoy
Lane Conditioner	Brunswick A22W22	

Notes

Zone	1	2	3	4	5	6	7	8
Zone End Distance	12	20	25	31	39			
Zone Ratio L	2.2 : 1	2.8 : 1	2.4 : 1	2.7 : 1	### : 1	### : 1	### : 1	### : 1
Zone Ratio R	2.2 : 1	2.8 : 1	2.5 : 1	2.9 : 1	### : 1	### : 1	### : 1	### : 1
Zone Volume (ml)	11.56	6.61	2.95	1.87	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	38	38	38	38	38	38	38	38	38	38	38	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	38	38	38	38	38	38	38	38	38	38	38
2	24	24	24	24	24	24	24	24	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	24	24	24	24	24	24	24	24
3	12	12	12	12	12	12	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	11	11	11	11	11	11
4	9	9	9	9	9	9	9	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	11	11	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
6																																							
7																																							
8																																							



Brunswick® DIRECT+ Conditioning System ENVOY AUTHORITY22®

2014 BEC

Crosswise Ratios (by units)

	Zone 1	Average	Ratio
3L-7L	Left =	38.0	2.2
3R-7R	Right=	38.0	2.2
18L-18R	Center =	86.0	

	Zone 2	Average	Ratio
3L-7L	Left =	24.0	2.8
3R-7R	Right=	24.0	2.8
18L-18R	Center=	69.0	

	Zone 3	Average	Ratio
3L-7L	Left =	19.0	2.4
3R-7R	Right=	18.2	2.5
18L-18R	Center=	47.0	

	Zone 4	Average	Ratio
3L-7L	Left =	9.0	2.7
3R-7R	Right=	8.6	2.9
18L-18R	Center =	25.0	

	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 =	0.191	2.2
3R-7R	Right=	0.191	2.2
18L-18R	Center =	0.433	

	Zone 2	Average	Ratio
3L-7L	Left =	0.080	2.8
3R-7R	Right=	0.080	2.8
18L-18R	Center=	0.231	

	Zone 3	Average	Ratio
3L-7L	Left =	0.040	2.4
3R-7R	Right=	0.038	2.5
18L-18R	Center=	0.099	

	Zone 4	Average	Ratio
3L-7L	Left =	0.023	2.7
3R-7R	Right=	0.022	2.9
18L-18R	Center =	0.063	

	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	1.5	1.2	1.5
Zone 3	2.0	1.8	2.0
Zone 4	4.2	3.4	4.4
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!

2014 BEC

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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.6	0.6	0.6	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	0.6	0.6	0.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
3	3.2	3.2	3.2	3.2	3.2	3.2	0.8	0.8	0.8	0.8	0.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.8	0.8	0.8	0.8	0.8	3.5	3.5	3.5	3.5	3.5	3.5
4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	1.5	1.5	1.5	1.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	1.5	1.5	1.5	1.5	3.5	3.5	5.4	5.4	5.4	5.4	5.4
5	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
6	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
7	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
8	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####

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