



ENVOY



AUTHORITY22®

**Pattern Information**

Date: 12-Jan-25  
 Pattern Type: Sport  
 Pattern Difficulty: High  
 Pattern Designer: BRUNSWICK  
 Pattern Volume (ml): 22,31

**Surface Information**

Surface Type: Synthetic  
 Surface Brand: Brunswick Pro Lane  
 Age: 20+

**Pattern Parameters**

Pattern Number: [ ]  
 Pattern Name: SM-2025  
 Mode: Clean & Oil  
 Forward Speed: Heavy Clean (Envoy)  
 Start Cleaner Spray: 0  
 Start Squeegee: 0  
 Start Oiling: 6  
 Split Pattern: No

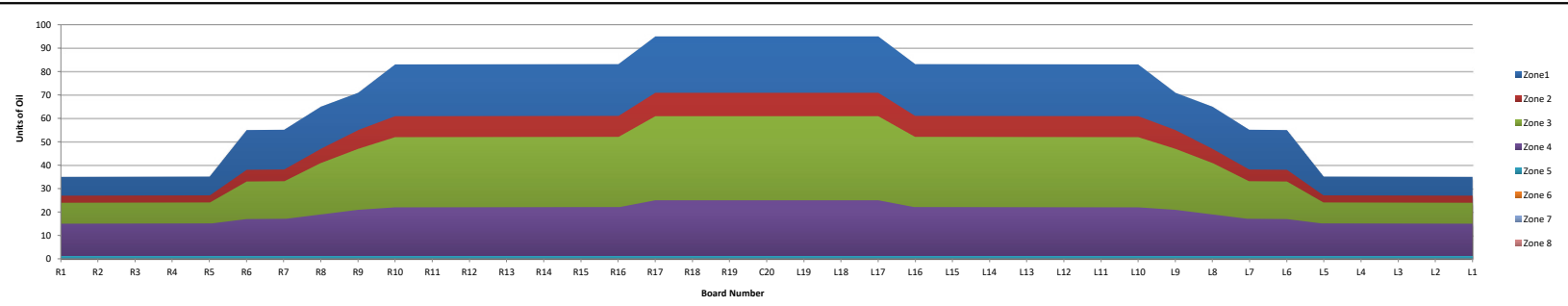
**Supplies Information**

Lane Cleaner: Judge  
 Cleaner Mixture Ratio: 4 : 1  
 Cleaner Transition Distance: Authority22  
 Cleaner Spray End Distance: 53 Envoy  
 Lane Conditioner: Logic

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Zone	1	2	3	4	5	6	7	8
Zone End Distance	11	16	21	28	38			
Zone Ratio L	2,2 : 1	2,2 : 1	2,2 : 1	1,5 : 1	1,0 : 1	### : 1	### : 1	### : 1
Zone Ratio R	2,2 : 1	2,2 : 1	2,2 : 1	1,5 : 1	1,0 : 1	### : 1	### : 1	### : 1
Zone Volume (ml)	12,31	4,14	3,57	2,29	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	35	35	35	35	35	55	55	65	71	83	83	83	83	83	83	95	95	95	95	95	95	95	83	83	83	83	83	83	83	71	65	55	55	35	35	35	35	35	35
2	27	27	27	27	27	38	38	47	55	61	61	61	61	61	61	71	71	71	71	71	71	61	61	61	61	61	61	61	55	47	38	38	27	27	27	27	27	27	
3	24	24	24	24	24	33	33	41	47	52	52	52	52	52	52	61	61	61	61	61	61	61	61	52	52	52	52	52	52	47	41	33	33	24	24	24	24	24	24
4	15	15	15	15	15	17	17	19	21	22	22	22	22	22	22	25	25	25	25	25	25	25	22	22	22	22	22	22	22	21	19	17	17	15	15	15	15	15	15
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																																							





## SM-2025

### Crosswise Ratios (by units)

Zone 1			Average	Ratio	Zone 5			Average	Ratio		
3L-7L	Left =	43,0	2,2	3L-7L	Left =	1,0	1,0	3L-7L	Left =	1,0	1,0
3R-7R	Right =	43,0	2,2	3R-7R	Right =	1,0	1,0	3R-7R	Right =	1,0	1,0
18L-18R	Center =	95,0		18L-18R	Center =	1,0		18L-18R	Center =	1,0	

Zone 2			Average	Ratio	Zone 6			Average	Ratio		
3L-7L	Left =	31,4	2,2	3L-7L	Left =	#####	#####	3L-7L	Left =	#####	#####
3R-7R	Right =	31,4	2,2	3R-7R	Right =	#####	#####	3R-7R	Right =	#####	#####
18L-18R	Center =	71,0		18L-18R	Center =	#####		18L-18R	Center =	#####	

Zone 3			Average	Ratio	Zone 7			Average	Ratio		
3L-7L	Left =	27,6	2,2	3L-7L	Left =	#####	#####	3L-7L	Left =	#####	#####
3R-7R	Right =	27,6	2,2	3R-7R	Right =	#####	#####	3R-7R	Right =	#####	#####
18L-18R	Center =	61,0		18L-18R	Center =	#####		18L-18R	Center =	#####	

Zone 4			Average	Ratio	Zone 8			Average	Ratio		
3L-7L	Left =	15,8	1,5	3L-7L	Left =	#####	#####	3L-7L	Left =	#####	#####
3R-7R	Right =	15,8	1,5	3R-7R	Right =	#####	#####	3R-7R	Right =	#####	#####
18L-18R	Center =	25,0		18L-18R	Center =	#####		18L-18R	Center =	#####	

### Crosswise Ratios (by ml)

Zone 1			Average	Ratio	Zone 5			Average	Ratio		
3L-7L	Left =	0,198	2,2	3L-7L	Left =	0,000	#####	3L-7L	Left =	0,000	#####
3R-7R	Right =	0,198	2,2	3R-7R	Right =	0,000	#####	3R-7R	Right =	0,000	#####
18L-18R	Center =	0,438		18L-18R	Center =	0,000		18L-18R	Center =	0,000	

Zone 2			Average	Ratio	Zone 6			Average	Ratio		
3L-7L	Left =	0,066	2,2	3L-7L	Left =	0,000	#####	3L-7L	Left =	0,000	#####
3R-7R	Right =	0,066	2,2	3R-7R	Right =	0,000	#####	3R-7R	Right =	0,000	#####
18L-18R	Center =	0,149		18L-18R	Center =	0,000		18L-18R	Center =	0,000	

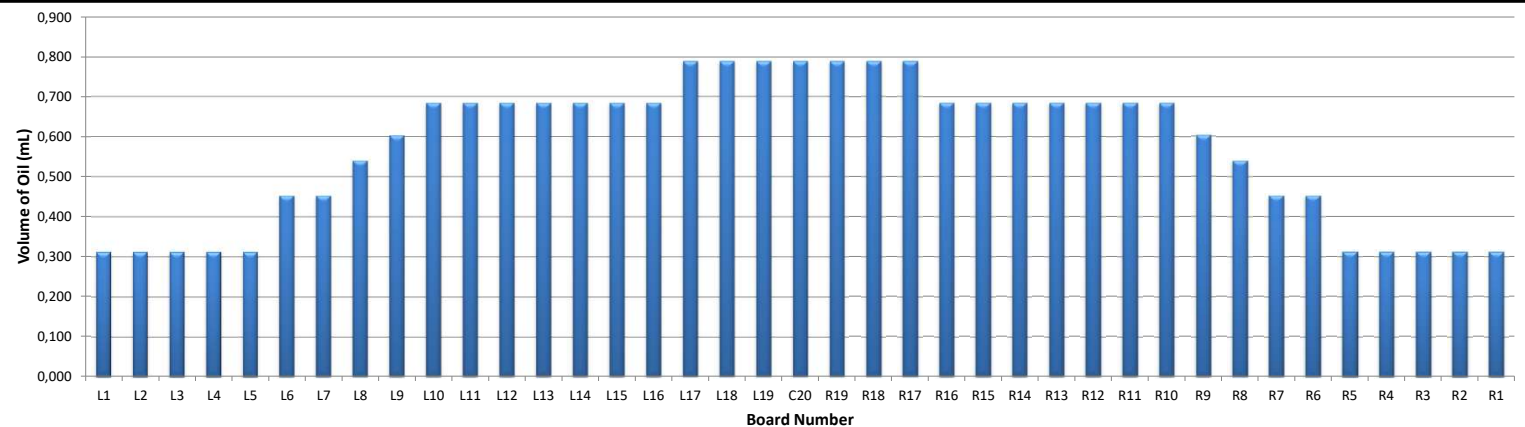
  

Zone 3			Average	Ratio	Zone 7			Average	Ratio		
3L-7L	Left =	0,058	2,2	3L-7L	Left =	0,000	#####	3L-7L	Left =	0,000	#####
3R-7R	Right =	0,058	2,2	3R-7R	Right =	0,000	#####	3R-7R	Right =	0,000	#####
18L-18R	Center =	0,128		18L-18R	Center =	0,000		18L-18R	Center =	0,000	

Zone 4			Average	Ratio	Zone 8			Average	Ratio		
3L-7L	Left =	0,046	1,5	3L-7L	Left =	0,000	#####	3L-7L	Left =	0,000	#####
3R-7R	Right =	0,046	1,5	3R-7R	Right =	0,000	#####	3R-7R	Right =	0,000	#####
18L-18R	Center =	0,073		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.



<b>3L-7L:18L-18R</b>	<b>Ratio by Total Volume</b>	<b>18L-18R:7R-3R</b>
<b>2,14</b>	<b>1</b>	<b>2,14</b>



Lengthwise Ratio By Area

3L-7L 18L-18R 3R-7R

	Left	Center	Right
Zone 2	1,3	1,3	1,3
Zone 3	1,5	1,5	1,5
Zone 4	2,7	3,8	2,7
Zone 5	43,0	95,0	43,0
Zone 6	#####	#####	#####
Zone 7	#####	#####	#####
Zone 8	#####	#####	#####

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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	1,3	1,3	1,3	1,3	1,3	1,4	1,4	1,4	1,3	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	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,3	1,4	1,4	1,4	1,3	1,3	1,3	1,3	1,3	1,3				
3	1,5	1,5	1,5	1,5	1,5	1,7	1,7	1,6	1,5	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	1,6	1,6	1,6	1,6	1,6	1,5	1,6	1,7	1,7	1,5	1,5	1,5	1,5	1,5					
4	2,3	2,3	2,3	2,3	2,3	3,2	3,2	3,4	3,4	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,8	3,4	3,4	3,2	3,2	2,3	2,3	2,3	2,3	2,3	2,3					
5	35,0	35,0	35,0	35,0	35,0	55,0	55,0	65,0	71,0	83,0	83,0	83,0	83,0	83,0	83,0	83,0	95,0	95,0	95,0	95,0	95,0	95,0	95,0	83,0	83,0	83,0	83,0	83,0	83,0	71,0	65,0	55,0	55,0	35,0	35,0	35,0	35,0	35,0	35,0				
6	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####		
7	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	
8	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####

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