



Pattern Information

Date:

Pattern Type:

Pattern Difficulty:

Pattern Designer:

Pattern Volume (ml):

Surface Information

Surface Type:

Surface Brand:

Age:

Pattern Parameters

Pattern Number:

Pattern Name:

Mode:

Forward Speed:

Start Cleaner Spray:

Start Squeegee:

Start Oiling:

Split Pattern:

Supplies Information

Lane Cleaner:

Cleaner Mixture Ratio:

Cleaner Transition Distance:

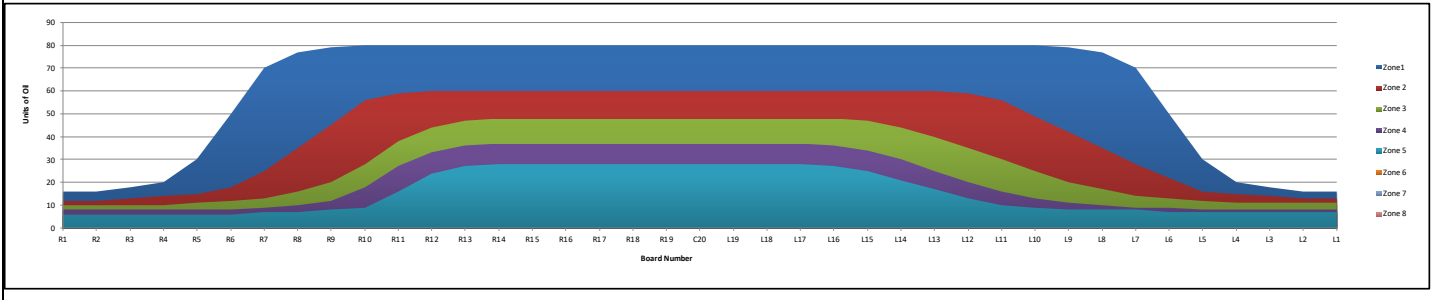
Cleaner Spray End Distance:

Lane Conditioner:

Notes **Bowling Baltistika**
Malmö, Sweden

Zone	1	2	3	4	5	6	7	8
Zone End Distance	7	13	19	26	31	39.5		
Zone Ratio L	2.1 : 1	3.1 : 1	3.9 : 1	4.4 : 1	3.8 : 1	### : 1	### : 1	### : 1
Zone Ratio R	2.1 : 1	3.5 : 1	4.2 : 1	4.5 : 1	4.5 : 1	### : 1	### : 1	### : 1
Zone Volume (ml)	7.14	4.09	2.86	2.39	1.26	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
1	16	16	18	20	30	50	70	77	79	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	79	77	70	50	30	20	18	16	16
2	13	13	14	15	16	22	28	35	42	49	56	59	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	59	56	45	35	25	18	15	14	13	12	12
3	11	11	11	11	12	13	14	17	20	25	30	35	40	44	47	48	48	48	48	48	48	48	48	48	48	47	44	38	28	20	16	13	12	11	10	10	10	10
4	8	8	8	8	8	9	9	10	11	13	16	20	25	30	34	36	37	37	37	37	37	37	37	37	37	37	36	33	27	18	12	10	9	8	8	8	8	8
5	7	7	7	7	7	7	8	8	8	9	10	13	17	21	25	27	28	28	28	28	28	28	28	28	28	28	27	24	16	9	8	7	7	6	6	6	6	6
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
7																																						
8																																						





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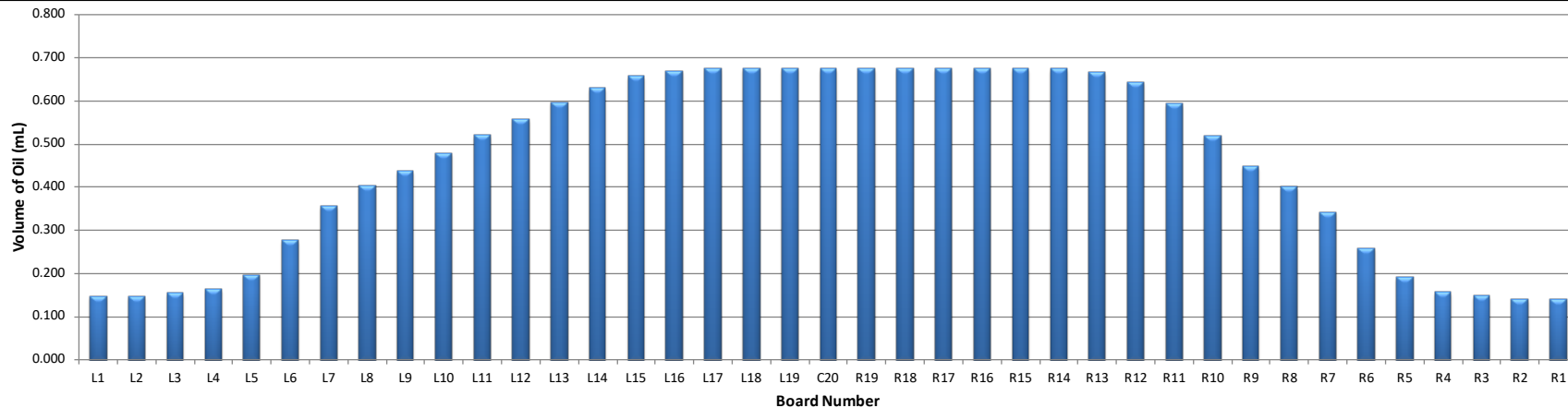
Crosswise Ratios (by units)

Zone 1			Zone 5		
	Average	Ratio		Average	Ratio
3L-7L	Left = 37.6	2.1	3L-7L	Left = 7.2	3.8
3R-7R	Right = 37.6	2.1	3R-7R	Right = 6.2	4.5
18L-18R	Center = 80.0		18L-18R	Center = 28.0	
Zone 2			Zone 6		
	Average	Ratio		Average	Ratio
3L-7L	Left = 19.0	3.1	3L-7L	Left = 0.0	#DIV/0!
3R-7R	Right = 17.0	3.5	3R-7R	Right = 0.0	#DIV/0!
18L-18R	Center = 60.0		18L-18R	Center = 0.0	
Zone 3			Zone 7		
	Average	Ratio		Average	Ratio
3L-7L	Left = 12.2	3.9	3L-7L	Left = #DIV/0!	#DIV/0!
3R-7R	Right = 11.2	4.2	3R-7R	Right = #DIV/0!	#DIV/0!
18L-18R	Center = 48.0		18L-18R	Center = #DIV/0!	
Zone 4			Zone 8		
	Average	Ratio		Average	Ratio
3L-7L	Left = 8.4	4.4	3L-7L	Left = #DIV/0!	#DIV/0!
3R-7R	Right = 8.2	4.5	3R-7R	Right = #DIV/0!	#DIV/0!
18L-18R	Center = 37.0		18L-18R	Center = #DIV/0!	

Crosswise Ratios (by ml)

Zone 1			Zone 5		
	Average	Ratio		Average	Ratio
3L-7L	Left = 0.110	2.1	3L-7L	Left = 0.015	3.8
3R-7R	Right = 0.110	2.1	3R-7R	Right = 0.013	4.5
18L-18R	Center = 0.235		18L-18R	Center = 0.059	
Zone 2			Zone 6		
	Average	Ratio		Average	Ratio
3L-7L	Left = 0.048	3.1	3L-7L	Left = 0.000	#DIV/0!
3R-7R	Right = 0.043	3.5	3R-7R	Right = 0.000	#DIV/0!
18L-18R	Center = 0.151		18L-18R	Center = 0.000	
Zone 3			Zone 7		
	Average	Ratio		Average	Ratio
3L-7L	Left = 0.031	3.9	3L-7L	Left = 0.000	#DIV/0!
3R-7R	Right = 0.028	4.2	3R-7R	Right = 0.000	#DIV/0!
18L-18R	Center = 0.121		18L-18R	Center = 0.000	
Zone 4			Zone 8		
	Average	Ratio		Average	Ratio
3L-7L	Left = 0.025	4.4	3L-7L	Left = 0.000	#DIV/0!
3R-7R	Right = 0.024	4.5	3R-7R	Right = 0.000	#DIV/0!
18L-18R	Center = 0.109		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
2.95	1	3.09



Lengthwise Ratio By Area

	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.9	1.3	2.2
Zone 3	3.0	1.6	3.3
Zone 4	4.4	2.1	4.5
Zone 5	5.2	2.8	6.0
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	1.2	1.2	1.3	1.3	1.9	2.3	2.5	2.2	1.9	1.6	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	1.8	2.2	2.8	2.8	2.0	1.4	1.4	1.3	1.3			
3	1.5	1.5	1.6	1.8	2.5	3.8	5.0	4.5	4.0	3.2	2.7	2.3	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.1	2.9	4.0	4.8	5.4	4.2	2.7	2.0	1.8	1.6	1.6			
4	2.0	2.0	2.3	2.5	3.8	5.6	7.8	7.7	7.2	6.2	5.0	4.0	3.2	2.7	2.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	3.0	4.4	6.6	7.7	7.8	6.3	3.8	2.5	2.3	2.0	2.0			
5	2.3	2.3	2.6	2.9	4.3	7.1	8.8	9.6	9.9	8.9	8.0	6.2	4.7	3.8	3.2	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.3	5.0	8.9	9.9	11.0	10.0	8.3	5.0	3.3	3.0	2.7	2.7			
6	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###
7	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###
8	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###

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