

**Pattern Information**

Date	5-Feb-2024
Pattern Type	<b>CHALLENGE</b>
Pattern Difficulty	MEDIUM
Pattern Volume (ml)	23.44

**Pattern Parameters**

Split Pattern	No
Pattern Name	Gjøvik Open
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	12

**Supplies Information**

Lane Cleaner	Max 10
Cleaner Mixture Ratio	10 : 1
Cleaner Spray End Distance	50
Lane Conditioner	Logic 2.0

**Surface Information**

Surface Type	Synthetic
Surface Brand	Brunswick Anvil Lane
Age	15

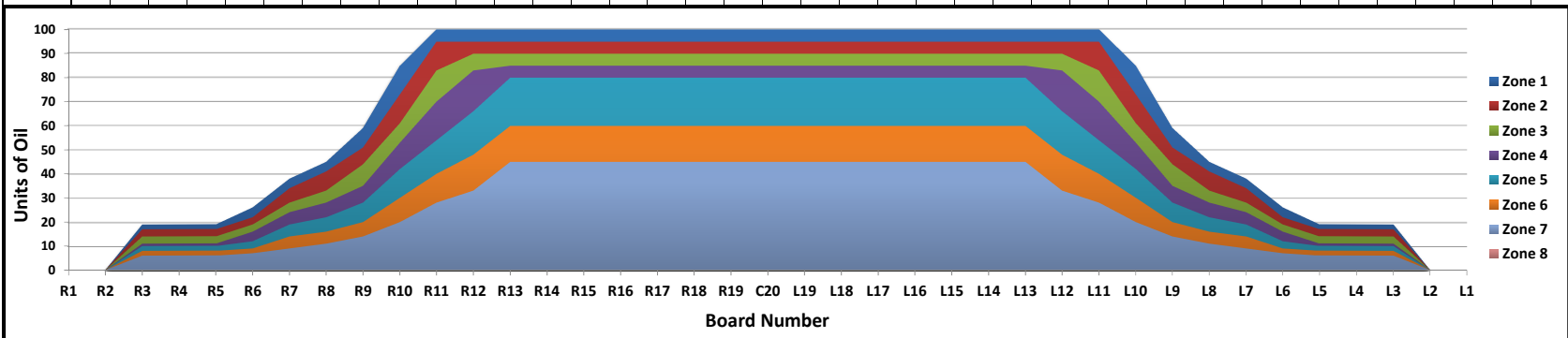
<b>SPORT</b>	<4 : 1	USBC Ratio Definitions
<b>CHALLENGE</b>	4-8 : 1	
<b>RECREATIONAL</b>	>8 : 1	

**Notes**

Gjøvik Open 24

Zone	1	2	3	4	5	6	7	8	Pattern Ratio by Volume (3-7:18-18)	
Zone End Distance	4	8	12	16	21	26	31	39		
Zone Ratio	L 4.1 : 1 R 4.1 : 1	L 4.4 : 1 R 4.4 : 1	L 5.0 : 1 R 5.0 : 1	L 5.8 : 1 R 5.8 : 1	L 6.5 : 1 R 6.5 : 1	L 6.3 : 1 R 6.3 : 1	L 6.6 : 1 R 6.6 : 1	:		L 5.30 : 1 R 5.30 : 1
Zone Volume (ml)	4.23	3.94	3.60	3.28	3.66	2.73	2.00	0.00		

ZONE	7 Pin Side																	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	0	0	19	19	19	26	38	45	59	85	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	85	59	45	38	26	19	19	19	0	0	
2	0	0	17	17	17	22	34	41	51	73	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	73	51	41	34	22	17	17	17	0	0	
3	0	0	14	14	14	19	28	33	44	61	83	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	83	61	44	33	28	19	14	14	14	0	0	
4	0	0	11	11	11	16	24	28	35	53	70	83	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85	83	70	53	35	28	24	16	11	11	11	0	0
5	0	0	10	10	10	12	19	22	28	42	54	66	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	66	54	42	28	22	19	12	10	10	10	0	0
6	0	0	8	8	8	9	14	16	20	30	40	48	60	60	60	60	60	60	60	60	60	60	60	60	60	60	48	40	30	20	16	14	9	8	8	8	0	0	
7	0	0	6	6	6	7	9	11	14	20	28	33	45	45	45	45	45	45	45	45	45	45	45	45	45	45	33	28	20	14	11	9	7	6	6	6	0	0	
8	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





### Gjøvik Open

#### Crosswise Ratios (by units)

Zone 1			
	Average	Ratio	
3L-7L	Left = 24.2	4.1	
3R-7R	Right = 24.2	4.1	
18L-18R	Center = 100.0		

Zone 2			
	Average	Ratio	
3L-7L	Left = 21.4	4.4	
3R-7R	Right = 21.4	4.4	
18L-18R	Center = 95.0		

Zone 3			
	Average	Ratio	
3L-7L	Left = 17.8	5.0	
3R-7R	Right = 17.8	5.0	
18L-18R	Center = 90.0		

Zone 4			
	Average	Ratio	
3L-7L	Left = 14.6	5.8	
3R-7R	Right = 14.6	5.8	
18L-18R	Center = 85.0		

Zone 5			
	Average	Ratio	
3L-7L	Left = 12.2	6.5	
3R-7R	Right = 12.2	6.5	
18L-18R	Center = 80.0		

Zone 6			
	Average	Ratio	
3L-7L	Left = 9.4	6.3	
3R-7R	Right = 9.4	6.3	
18L-18R	Center = 60.0		

Zone 7			
	Average	Ratio	
3L-7L	Left = 6.8	6.6	
3R-7R	Right = 6.8	6.6	
18L-18R	Center = 45.0		

Zone 8			
	Average	Ratio	
3L-7L	Left = 0.0		
3R-7R	Right = 0.0		
18L-18R	Center = 0.0		

#### Crosswise Ratios (by ml)

Zone 1			
	Average	Ratio	
3L-7L	Left = 0.041	4.1	
3R-7R	Right = 0.041	4.1	
18L-18R	Center = 0.168		

Zone 2			
	Average	Ratio	
3L-7L	Left = 0.036	4.4	
3R-7R	Right = 0.036	4.4	
18L-18R	Center = 0.159		

Zone 3			
	Average	Ratio	
3L-7L	Left = 0.030	5.0	
3R-7R	Right = 0.030	5.0	
18L-18R	Center = 0.151		

Zone 4			
	Average	Ratio	
3L-7L	Left = 0.024	5.8	
3R-7R	Right = 0.024	5.8	
18L-18R	Center = 0.143		

Zone 5			
	Average	Ratio	
3L-7L	Left = 0.026	6.5	
3R-7R	Right = 0.026	6.5	
18L-18R	Center = 0.168		

Zone 6			
	Average	Ratio	
3L-7L	Left = 0.020	6.3	
3R-7R	Right = 0.020	6.3	
18L-18R	Center = 0.126		

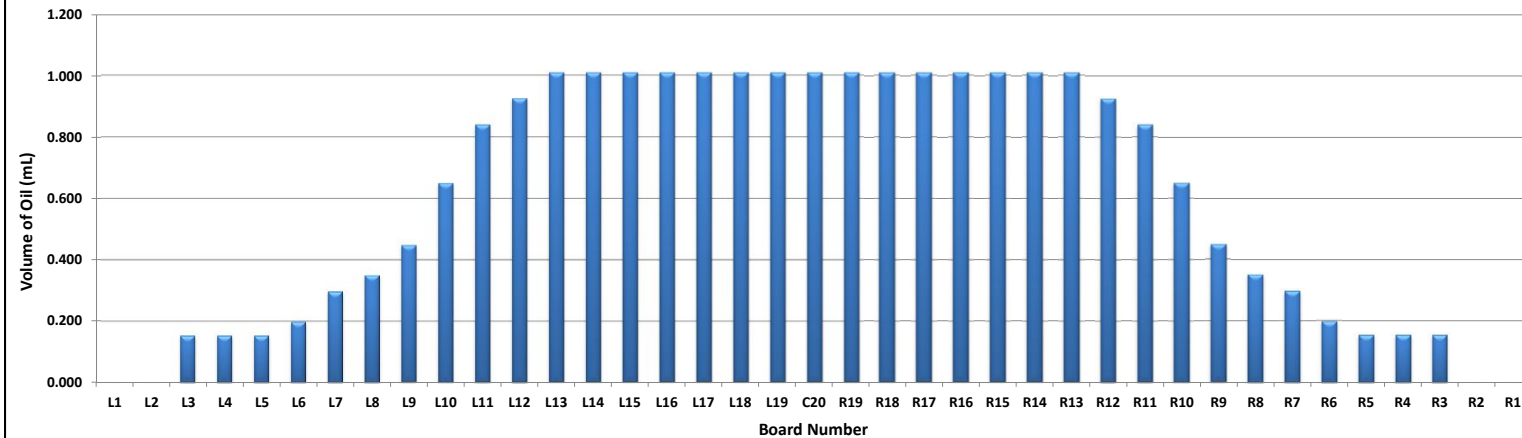
  

Zone 7			
	Average	Ratio	
3L-7L	Left = 0.014	6.6	
3R-7R	Right = 0.014	6.6	
18L-18R	Center = 0.094		

Zone 8			
	Average	Ratio	
3L-7L	Left = 0.000		
3R-7R	Right = 0.000		
18L-18R	Center = 0.000		

The above 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	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Outside Track: Middle	Middle Track: Middle	Inside Track: Middle	Middle: Inside Track	Middle: Middle Track	Middle: Outside Track
<b>5.30</b>	<b>1.57</b>	<b>1.00</b>	<b>1.00</b>	<b>1.57</b>	<b>5.30</b>



Lengthwise Ratio By Area			
	3L-7L	18L-18R	3R-7R
	Left	Center	Right
<b>Zone 2</b>	1.1	1.0	1.1
<b>Zone 3</b>	1.3	1.1	1.3
<b>Zone 4</b>	1.6	1.1	1.6
<b>Zone 5</b>	1.9	1.2	1.9
<b>Zone 6</b>	2.5	1.6	2.5
<b>Zone 7</b>	3.5	2.2	3.5
<b>Zone 8</b>			

## Gjøvik Open

### 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	
<b>2</b>			1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	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	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1			
<b>3</b>			1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.2	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	1.2	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4			
<b>4</b>			1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.6	1.4	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	1.4	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7			
<b>5</b>			1.9	1.9	1.9	2.2	2.0	2.0	2.1	2.0	1.9	1.5	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	1.5	1.9	2.0	2.1	2.0	2.0	2.2	1.9	1.9	1.9				
<b>6</b>			2.4	2.4	2.4	2.9	2.7	2.8	3.0	2.8	2.5	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.0	2.8	2.7	2.9	2.4	2.4	2.4				
<b>7</b>			3.2	3.2	3.2	3.7	4.2	4.1	4.2	4.3	3.6	3.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.0	3.6	4.3	4.2	4.1	4.2	3.7	3.2	3.2	3.2				
<b>8</b>																																								

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

# Gjøvik Open



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