



NORWAY 2017

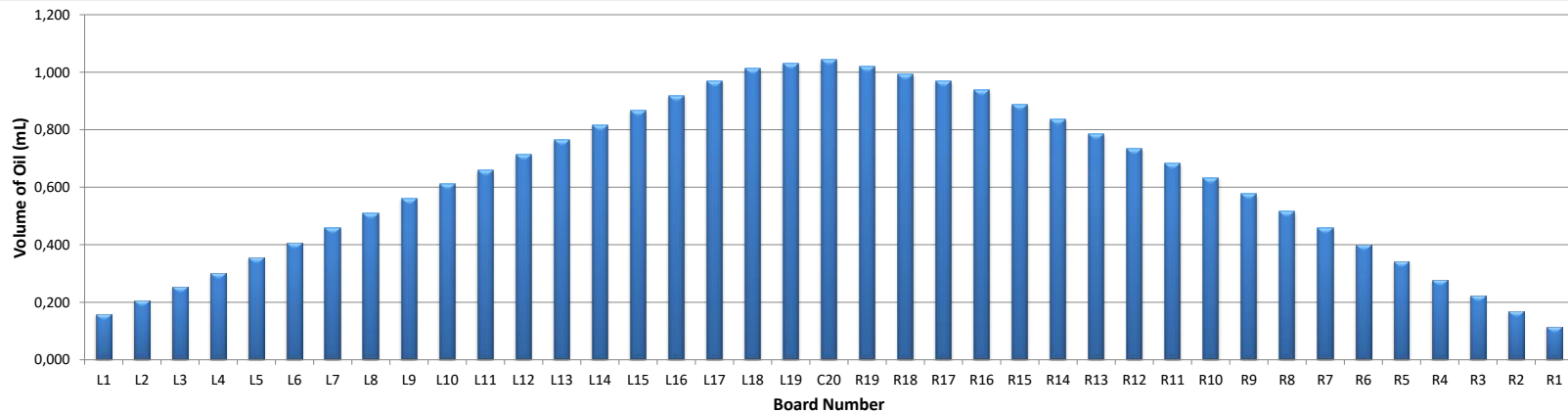
Crosswise Ratios (by units)

Zone 1				Zone 5			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 35,0	2,8	3L-7L	Left = 19,0	2,0		
3R-7R	Right = 39,0	2,5	3R-7R	Right = 11,0	3,5		
18L-18R	Center = 100,0		18L-18R	Center = 39,2			
Zone 2				Zone 6			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 35,0	2,8	3L-7L	Left = 4,0	5,7		
3R-7R	Right = 37,0	2,6	3R-7R	Right = 4,0	5,7		
18L-18R	Center = 98,6		18L-18R	Center = 22,8			
Zone 3				Zone 7			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 31,0	2,6	3L-7L	Left = 0,0	#####		
3R-7R	Right = 25,0	3,2	3R-7R	Right = 0,0	#####		
18L-18R	Center = 82,0		18L-18R	Center = 0,0			
Zone 4				Zone 8			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 24,0	3,2	3L-7L	Left = #####	#####		
3R-7R	Right = 22,0	3,5	3R-7R	Right = #####	#####		
18L-18R	Center = 78,2		18L-18R	Center = #####			

Crosswise Ratios (by ml)

Zone 1				Zone 5			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 0,117	2,8	3L-7L	Left = 0,036	2,0		
3R-7R	Right = 0,131	2,5	3R-7R	Right = 0,021	3,5		
18L-18R	Center = 0,335		18L-18R	Center = 0,074			
Zone 2				Zone 6			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 0,073	2,8	3L-7L	Left = 0,008	6,3		
3R-7R	Right = 0,078	2,6	3R-7R	Right = 0,008	6,3		
18L-18R	Center = 0,207		18L-18R	Center = 0,053			
Zone 3				Zone 7			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 0,065	2,6	3L-7L	Left = 0,000	#####		
3R-7R	Right = 0,052	3,2	3R-7R	Right = 0,000	#####		
18L-18R	Center = 0,172		18L-18R	Center = 0,000			
Zone 4				Zone 8			
	Average	Ratio		Average	Ratio		
3L-7L	Left = 0,055	3,2	3L-7L	Left = 0,000	#####		
3R-7R	Right = 0,051	3,5	3R-7R	Right = 0,000	#####		
18L-18R	Center = 0,180		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
2,87	1	3,00



Pattern Information

Date	29-Sep-17
Pattern Type	Sport
Pattern Difficulty	Medium
Pattern Designer	VBS Bowling
Pattern Volume (ml)	24,18

Surface Information

Surface Type	Synthetic
Surface Brand	AMF SPL
Age	7

Pattern Parameters

Pattern Number	1
Pattern Name	NORWAY 2017
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 MAX 20
Cleaner Mixture Ratio	20 : 1
Cleaner Transition Distance	43 Authority22
Cleaner Spray End Distance	53 Envoy
Lane Conditioner	Brunswick Connect

Notes _____

Zone	1	2	3	4	5	6	7	8
Zone End Distance	8	13	18	23,5	28	33,5	40,5	
Zone Ratio L	2,8 : 1	2,8 : 1	2,6 : 1	3,2 : 1	2,0 : 1	5,7 : 1	### : 1	### : 1
Zone Ratio R	2,5 : 1	2,6 : 1	3,2 : 1	3,5 : 1	3,5 : 1	5,7 : 1	### : 1	### : 1
Zone Volume (ml)	8,30	5,08	3,99	3,90	1,82	1,09	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	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	100	100	100	100	100	99	94	89	84	79	74	69	63	57	51	45	39	33	27	21	15	
2	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	97	99	100	99	98	97	96	91	86	81	76	71	66	61	55	49	43	37	31	25	19	13	
3	13	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83	84	85	81	77	73	69	65	61	57	53	49	45	41	37	33	29	25	21	17	13	9	
4	12	15	18	21	24	27	30	33	36	39	42	47	52	57	62	67	72	77	80	82	78	74	70	66	62	58	54	50	46	42	38	34	30	26	22	18	14	10	6	
5	11	13	15	17	19	21	23	25	27	29	31	33	34	35	36	37	38	39	40	41	39	37	35	33	31	29	27	25	23	21	19	17	15	13	11	9	7	5	3	
6	0	0	0	2	4	6	8	10	12	14	15	16	17	18	19	20	21	22	23	24	23	22	21	20	19	18	17	16	15	14	12	10	8	6	4	2	0	0	0	
7	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
8																																								

