

SUMMER ELIMINATOR PBA OIL PATTERNS

May 22nd:	37' Bat
May 29th:	41' Bear
June 5th:	45' Dragon
June 12th:	39' Chameleon
June 19th:	42' Scorpion
June 26th:	37' Bat
July 3rd:	41' Bear
July 10th:	45' Dragon
July 17th:	39' Chameleon
July 24th:	42' Scorpion

USBC CERTIFIED #11011, USBC RULES WILL APPLY.

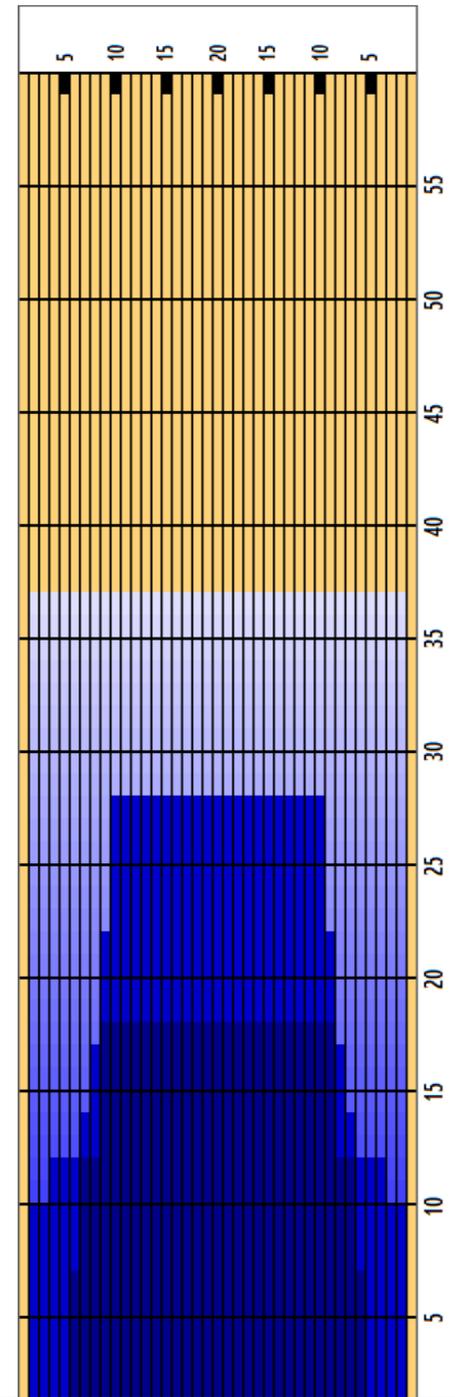
OPEN TO ALL USBC SANCTIONED ADULT BOWLERS.

ALL DECISIONS OF THE TOURNAMENT MANAGER ARE FINAL.

Oil Pattern Distance	37	Reverse Brush Drop	29	Oil Per Board	50 ul
Forward Oil Total	12.85 mL	Reverse Oil Total	12.35 mL	Volume Oil Total	25.2 mL
Tank Configuration	A Only	Tank A Conditioner	KEGEL	Tank B Conditioner	KEGEL

	START	STOP	LOADS	SPEED	BUFFER	CROSSED	START	END	FEET	T.OIL
1	2L	2R	1	10	3	37	0.0	0.0	0.0	1850
2	4L	4R	1	14	3	33	0.0	1.9	1.9	1650
3	6L	6R	3	14	3	87	1.9	7.8	5.9	4350
4	7L	7R	2	18	3	54	7.8	12.9	5.1	2700
5	9L	9R	2	18	3	46	12.9	18.0	5.1	2300
6	2L	2R	0	18	3	0	18.0	28.0	10.0	0
7	2L	2R	0	22	3	0	28.0	37.0	9.0	0

	START	STOP	LOADS	SPEED	BUFFER	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	22	3	0	37.0	28.0	-9.0	0
2	10L	10R	2	22	3	42	28.0	21.8	-6.2	2100
3	9L	9R	2	18	3	46	21.8	16.7	-5.1	2300
4	8L	8R	1	18	3	25	16.7	14.2	-2.5	1250
5	7L	7R	1	18	3	27	14.2	11.7	-2.5	1350
6	4L	4R	1	14	3	33	11.7	9.8	-1.9	1650
7	2L	2R	2	14	3	74	9.8	5.9	-3.9	3700
8	2L	2R	0	14	3	0	5.9	0.0	-5.9	0

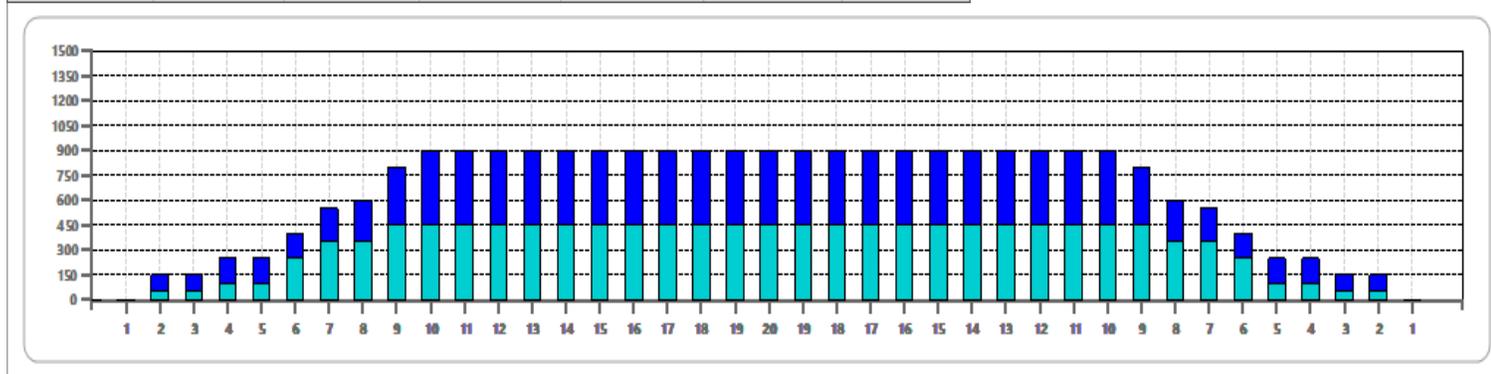


Cleaner Ratio Main Mix NA Forward
 Cleaner Ratio Back End Mix NA Reverse
 Cleaner Ratio Back End Distance NA Combined
 Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100



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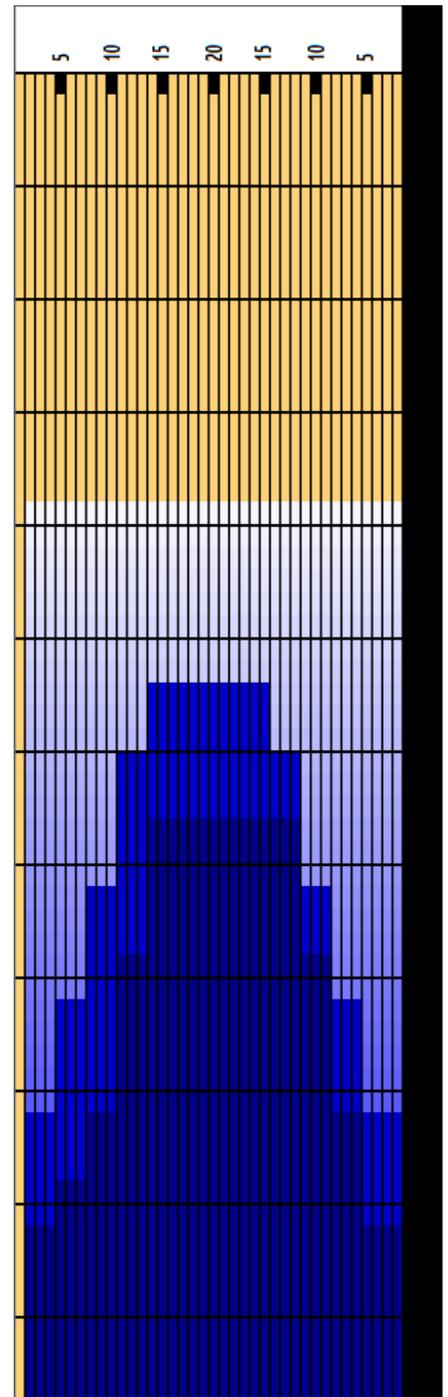
Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside:Middle	Middle:Middle	Inside:Middle	Middle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.81	1.1	1	1	1.1	2.81



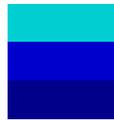
Oil Pattern Distance	41	Reverse Brush Drop	37	Oil Per Board	50 ul
Forward Oil Total	18.6 mL	Reverse Oil Total	11.5 mL	Volume Oil Total	30.1 mL
Tank Configuration	A Only	Tank A Conditioner		Tank B Conditioner	

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	6	14	3	A	222	0.0	9.9	9.9	11100
2	5L	6R	1	14	3	A	30	9.9	11.8	1.9	1500
3	8L	6R	1	18	3	A	27	11.8	14.3	2.5	1350
4	11L	9R	3	18	3	A	63	14.3	21.9	7.6	3150
5	14L	12R	2	18	3	A	30	21.9	27.0	5.1	1500
6	2L	2R	0	18	3	A	0	27.0	32.0	5.0	0
7	2L	2R	0	22	3	A	0	32.0	36.0	4.0	0
8	2L	2R	0	30	3	A	0	36.0	41.0	5.0	0

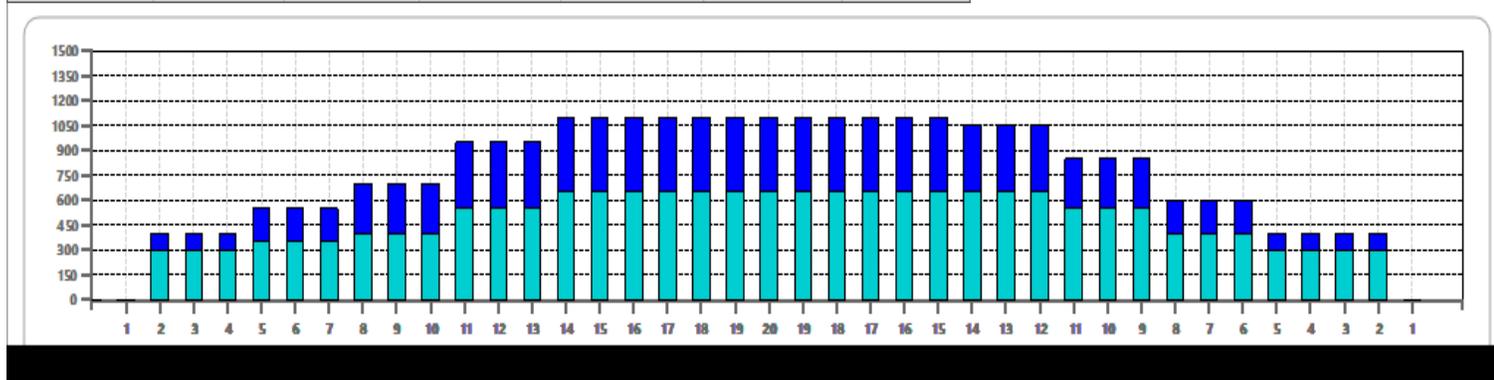
	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	A	0	41.0	33.0	-8.0	0
2	14L	15R	1	22	3	A	12	33.0	29.9	-3.1	600
3	11L	12R	2	22	3	A	36	29.9	23.7	-6.2	1800
4	8L	9R	2	18	3	A	48	23.7	18.6	-5.1	2400
5	5L	6R	2	18	3	A	60	18.6	13.5	-5.1	3000
6	2L	2R	2	14	3	A	74	13.5	9.6	-3.9	3700
7	2L	2R	0	14	3	A	0	9.6	0.0	-9.6	0



Cleaner Ratio Main Mix NA Forward
 Cleaner Ratio Back End Mix NA Reverse
 Cleaner Ratio Back End Distance NA Combined
 Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100



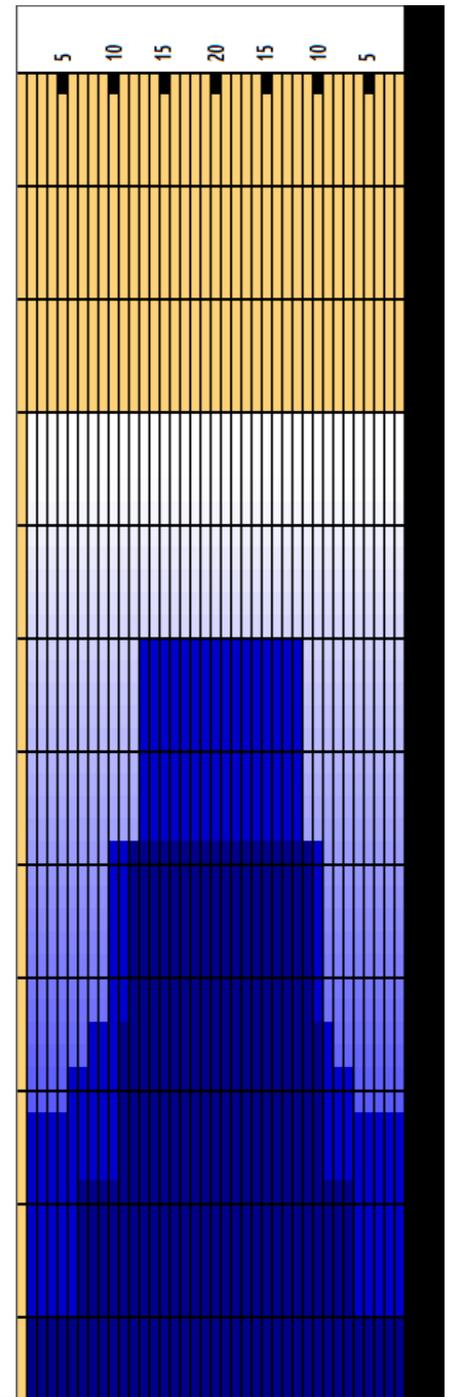
Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside:Middle	Middle:Middle	Inside:Middle	Middle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.24	1.38	1.03	1.02	1.31	2.29



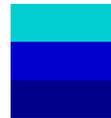
Oil Pattern Distance	45	Reverse Brush Drop	36	Oil Per Board	50 ul
Forward Oil Total	15.8 mL	Reverse Oil Total	13.7 mL	Volume Oil Total	29.5 mL
Tank Configuration	A Only	Tank A Conditioner		Tank B Conditioner	

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	4	14	3	A	148	0.0	5.9	5.9	7400
2	7L	7R	2	18	3	A	54	5.9	11.0	5.1	2700
3	11L	10R	3	18	3	A	60	11.0	18.6	7.6	3000
4	12L	11R	3	18	3	A	54	18.6	26.2	7.6	2700
5	2L	2R	0	18	3	A	0	26.2	35.0	8.8	0
6	2L	2R	0	22	3	A	0	35.0	45.0	10.0	0

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	A	0	45.0	35.0	-10.0	0
2	13L	12R	3	22	3	A	48	35.0	25.7	-9.3	2400
3	10L	10R	3	18	3	A	63	25.7	18.1	-7.6	3150
4	8L	9R	1	18	3	A	24	18.1	15.6	-2.5	1200
5	6L	7R	1	14	3	A	28	15.6	13.7	-1.9	1400
6	2L	2R	3	14	3	A	111	13.7	7.8	-5.9	5550
7	2L	2R	0	10	3	A	0	7.8	0.0	-7.8	0

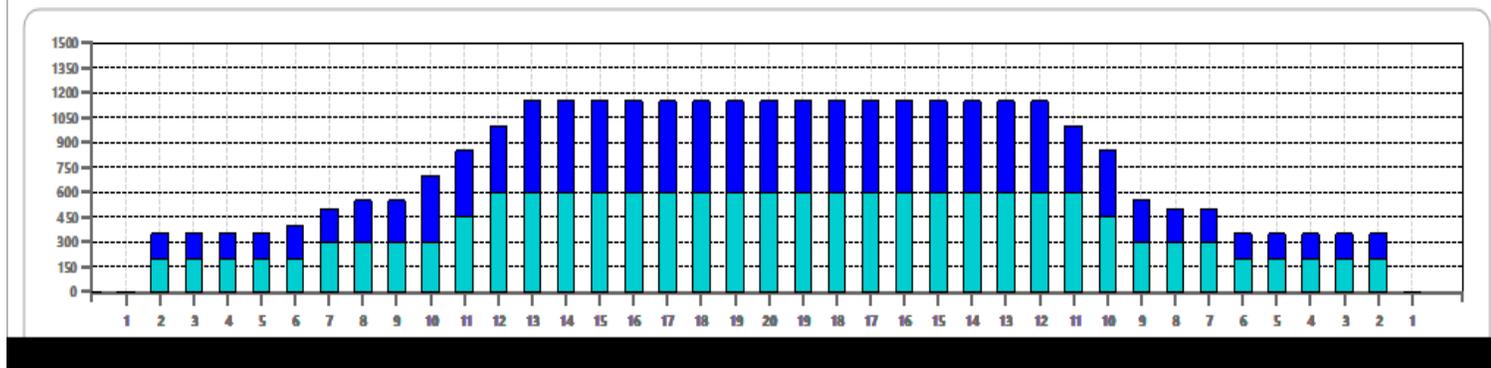


Cleaner Ratio Main Mix NA Forward
 Cleaner Ratio Back End Mix NA Reverse
 Cleaner Ratio Back End Distance NA Combined
 Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100



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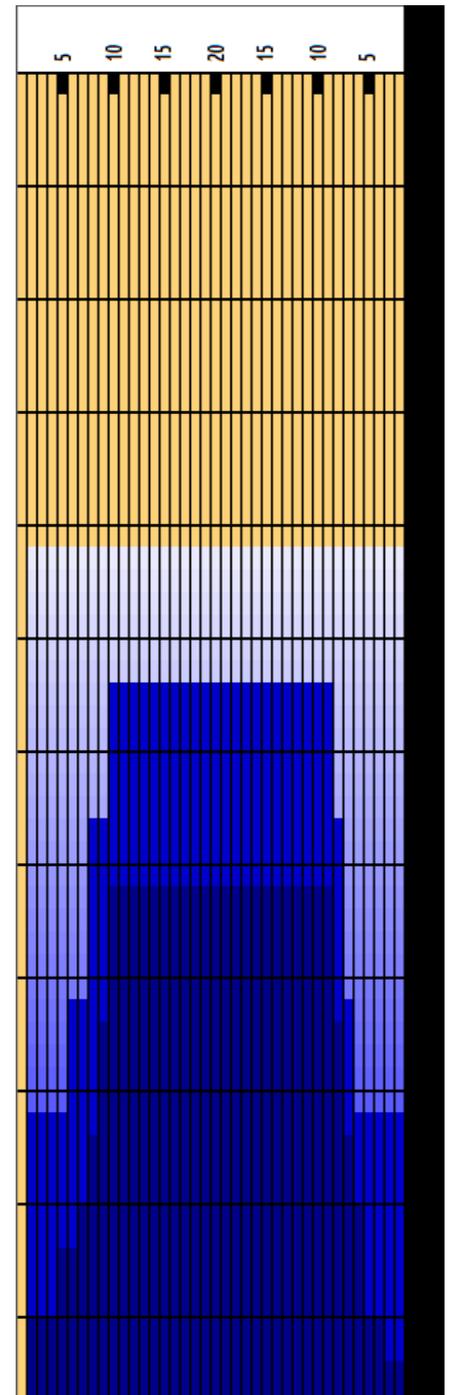
Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside:Middle	Middle:Middle	Inside:Middle	Middle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.95	1.58	1	1	1.42	3.03



Oil Pattern Distance	39	Reverse Brush Drop	35	Oil Per Board	50 ul
Forward Oil Total	16.1 mL	Reverse Oil Total	14.1 mL	Volume Oil Total	30.2 mL
Tank Configuration	A Only	Tank A Conditioner		Tank B Conditioner	

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	3	14	3	A	111	0.0	3.9	3.9	5550
2	2L	4R	1	14	3	A	35	3.9	5.8	1.9	1750
3	5L	6R	1	18	3	A	30	5.8	8.3	2.5	1500
4	7L	6R	1	18	3	A	28	8.3	10.8	2.5	1400
5	8L	7R	1	18	3	A	26	10.8	13.3	2.5	1300
6	9L	8R	2	18	3	A	48	13.3	18.4	5.1	2400
7	10L	9R	2	22	3	A	44	18.4	24.6	6.2	2200
8	2L	2R	0	22	3	A	0	24.6	33.0	8.4	0
9	2L	2R	0	26	3	A	0	33.0	39.0	6.0	0

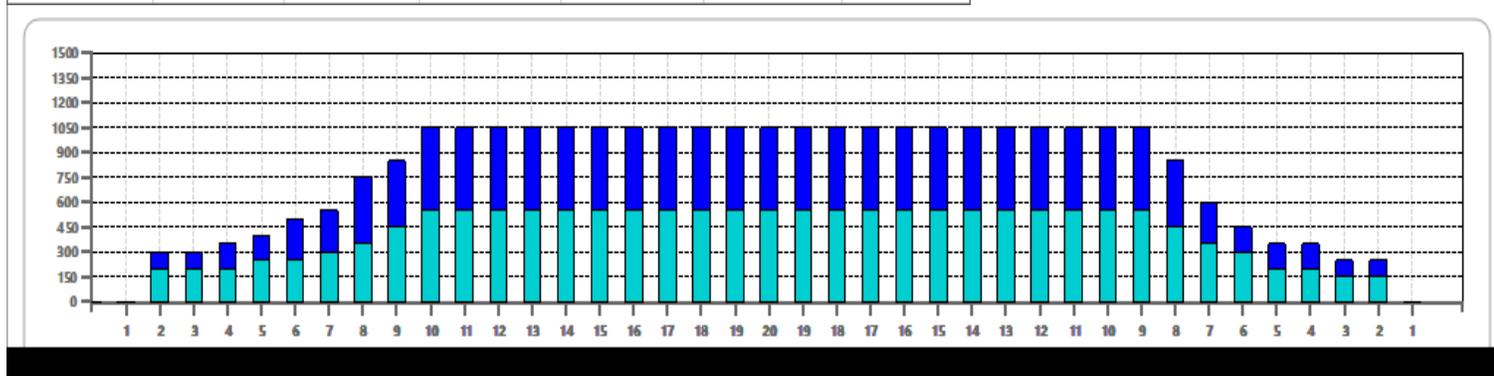
	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	A	0	39.0	33.0	-6.0	0
2	10L	9R	2	22	3	A	44	33.0	26.8	-6.2	2200
3	8L	8R	3	18	3	A	75	26.8	19.2	-7.6	3750
4	6L	7R	2	18	3	A	56	19.2	14.1	-5.1	2800
5	2L	2R	1	14	3	A	37	14.1	12.2	-1.9	1850
6	4L	4R	1	14	3	A	33	12.2	10.3	-1.9	1650
7	2L	2R	1	14	3	A	37	10.3	8.4	-1.9	1850
8	2L	2R	0	14	3	A	0	8.4	0.0	-8.4	0



Cleaner Ratio Main Mix NA Forward
 Cleaner Ratio Back End Mix NA Reverse
 Cleaner Ratio Back End Distance NA Combined
 Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100



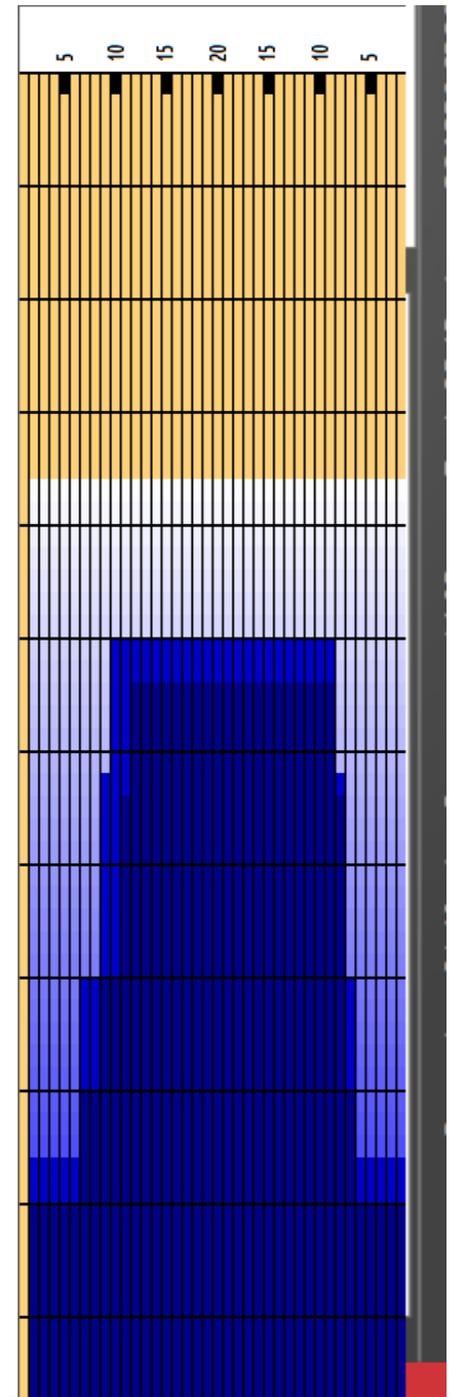
Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside:Middle	Middle:Middle	Inside:Middle	Middle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.5	1.11	1	1	1.04	2.63



Oil Pattern Distance	42	Reverse Brush Drop	36	Oil Per Board	50 ul
Forward Oil Total	21.5 mL	Reverse Oil Total	13.55 mL	Volume Oil Total	35.05 mL
Tank Configuration	A Only	Tank A Conditioner		Tank B Conditioner	

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	2	10	3	A	74	0.0	1.4	1.4	3700
2	2L	2R	2	14	3	A	74	1.4	5.3	3.9	3700
3	2L	2R	2	18	3	A	74	5.3	10.4	5.1	3700
4	7L	7R	2	18	3	A	54	10.4	15.5	5.1	2700
5	9L	8R	2	18	3	A	48	15.5	20.6	5.1	2400
6	11L	8R	3	18	3	A	66	20.6	28.2	7.6	3300
7	12L	9R	2	18	3	A	40	28.2	33.3	5.1	2000
8	2L	2R	0	22	3	A	0	33.3	42.0	8.7	0

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	A	0	42.0	35.0	-7.0	0
2	10L	9R	2	22	3	A	44	35.0	28.8	-6.2	2200
3	9L	8R	3	22	3	A	72	28.8	19.5	-9.3	3600
4	7L	7R	3	18	3	A	81	19.5	11.9	-7.6	4050
5	2L	2R	2	14	3	A	74	11.9	8.0	-3.9	3700
6	2L	2R	0	14	3	A	0	8.0	0.0	-8.0	0



Cleaner Ratio Main Mix NA Forward
 Cleaner Ratio Back End Mix NA Reverse
 Cleaner Ratio Back End Distance NA Combined
 Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100



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Item	3L-7L:18L-18R	8L-12L:18L-18R	13L-17L:18L-18R	18L-18R:17R-13R	18L-18R:12R-8R	18L-18R:7R-3R
Description	Outside:Middle	Middle:Middle	Inside:Middle	Middle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.78	1.26	1	1	1.03	2.78

