

OPEN DIVISION

DISTANCE:	46 FEET	VOLUME:	30.59 mL
RATIO:	2.15:1	FORWARD:	14.62 mL
DROP BRUSH:	43 FEET	REVERSE:	15.97 mL
TANKS:	KEGEL	PUMP:	MULTI



FORWARD LOADS DATA

#	START	STOP	LOADS	MICS	SPEED	DISTANCE	T.OIL
1	2L	2R	2	40	14	0 → 2	2,960
2	9L	6R	3	40	14	2 → 8	3,120
3	2L	2R	2	40	14	6 → 12	2,960
4	12L	10R	3	40	18	12 → 19	2,280
5	2L	2R	2	30	18	19 → 24	2,220
6	15L	14R	3	30	18	24 → 32	1,080
7	2L	2R	0	30	22	32 → 46	0

REVERSE LOADS DATA

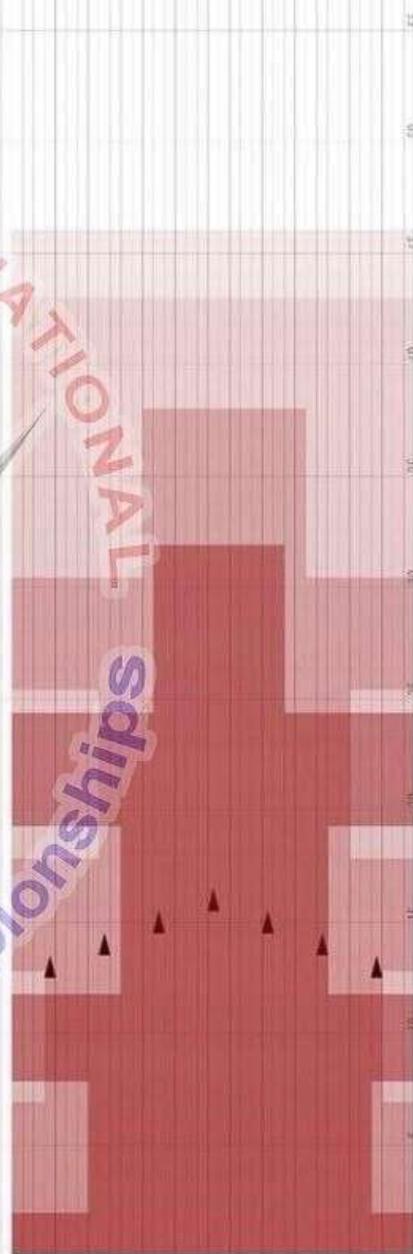
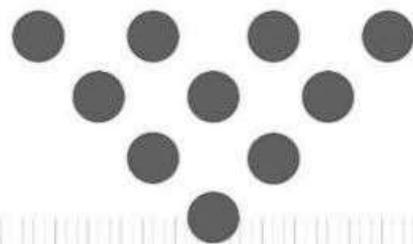
#	START	STOP	LOADS	MICS	SPEED	DISTANCE	T.OIL
1	2L	2R	0	30	22	43 → 38	0
2	14L	12R	3	30	18	38 → 30	1,350
3	2L	2R	2	30	18	30 → 25	2,220
4	10L	8R	3	40	18	25 → 18	2,760
5	2L	2R	2	40	18	18 → 13	2,960
6	5L	5R	3	40	14	13 → 7	3,720
7	2L	2R	2	40	14	7 → 3	2,960
8	2L	2R	0	40	14	3 → 0	0

THIS PATTERN IS DESIGNED FOR:

VARIABLE MICROLITER STREAMS | REVERSE DROP BRUSH

This pattern may require adjustments if using a lane machine that does not have these features

Created 11 24, 2025 - Rendered for Atlas.



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YOUTH / SENIOR / GRADED DIVISION

Oil Pattern Distance	45	Reverse Brush Drop	38	Oil Per Board	50 ul
Forward Oil Total	19.05 mL	Reverse Oil Total	10.45 mL	Volume Oil Total	29.5 mL
Tank Configuration	N/A	Tank A Conditioner	KEGEL	Tank B Conditioner	KEGEL

START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL	
1	4L	4R	3	14	3	A	99	0.0	3.9	3.9	4950
2	7L	6R	3	18	3	A	84	3.9	11.5	7.6	4200
3	9L	8R	4	18	3	A	96	11.5	21.7	10.2	4800
4	10L	10R	2	22	3	A	42	21.7	27.9	6.2	2100
5	12L	11R	2	26	3	A	36	27.9	35.2	7.3	1800
6	14L	13R	2	26	3	A	24	35.2	42.5	7.3	1200
7	2L	2R	0	26	3	A	0	42.5	45.0	2.5	0

START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL	
1	2L	2R	0	22	3	A	0	45.0	38.0	-7.0	0
2	13L	13R	4	22	3	A	60	38.0	25.6	-12.4	3600
3	11L	11R	3	22	3	A	57	25.6	16.3	-9.3	2850
4	10L	9R	2	22	3	A	44	16.3	10.1	-6.2	2200
5	9L	8R	2	18	3	A	48	10.1	5.0	-5.1	2400
6	2L	2R	0	14	3	A	0	5.0	0.0	-5.0	0

Cleaner Ratio Main Mix 5:1 Forward
 Cleaner Ratio Back End Mix 5:1 Reverse
 Cleaner Ratio Back End Distance 59 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, 2R-3R
Description	Outside/Middle	Middle/Middle	Inside/Middle	Middle: Inside	Middle/Middle	Middle/Outside
Track Zone Ratio	9	1.82	1.02	1.03	1.61	7.5

