#### **SUMMER ELIMINATOR PBA OIL PATTERNS**

May 21<sup>st</sup>: 41' McEwan

May 28<sup>th</sup>: 37' Webb

June 4<sup>th</sup>: 40' Johnson

June 11<sup>th</sup>: 43' Roth

June 18<sup>th</sup>: 45' Weber

June 25<sup>th</sup>: 42' Salvino

July 2<sup>nd</sup>: 39' Aulby

July 9<sup>th</sup>: 44' Tackett

July 16<sup>th</sup>: 36' O'Neill

July 23<sup>rd</sup>: 43' Anthony

**Finals** 

July 30<sup>th</sup>: 40' Monacelli

USBC CERTIFIED #10676, USBC RULES WILL APPLY.

OPEN TO ALL USBC SANCTIONED ADULT BOWLERS.

ALL DECISIONS OF THE TOURNAMENT MANAGER ARE FINAL.



#### **2023 PBA MCEWAN 41**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

41 14.4 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

35 12.05 mL Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 26.45 mL

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	2	10	3		74		1.4	1.4	3700
2	5L	5R	1	14	3	Α	31	1.4	3.3	1.9	1550
3	<b>7</b> L	7R	1	14	3	Α	27	3.3	5.2	1.9	1350
4	8L	7R	1	18	3	Α	26	5.2	7.7	2.5	1300
5	9L	8R	1	18	3	Α	24	7.7	10.2	2.5	1200
6	11L	10R	2	18	3	Α	40	10.2	15.3	5.1	2000
7	12L	11R	2	18	3	Α	36	15.3	20.4	5.1	1800
8	14L	12R	2	18	3	Α	30	20.4	25.5	5.1	1500
9	2L	2R	0	18	3	Α	0	25.5	32.0	6.5	0
10	2L	2R	0	22	3	Α	0	32.0	36.0	4.0	0
11	2L	2R	0	30	3	Α	0	36.0	41.0	5.0	0

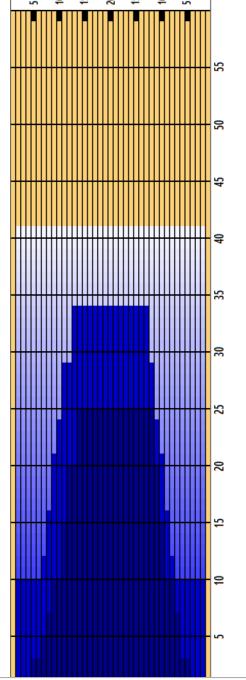
1       2L       2R       0       30       3       A       0       41.0       34.0       -7.0       0         2       13L       13R       2       18       3       A       30       34.0       28.9       -5.1       1500         3       11L       12R       2       18       3       A       36       28.9       23.8       -5.1       1800         4       10L       11R       1       18       3       A       20       23.8       21.3       -2.5       1000         5       9L       10R       2       18       3       A       44       21.3       16.2       -5.1       2200         6       8L       9R       2       14       3       A       48       16.2       12.3       -3.9       2400         7       7L       8R       1       14       3       A       26       12.3       10.4       -1.9       1300         8       2L       2R       1       14       3       A       37       10.4       8.5       -1.9       1850		START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
2       13L       13R       2       18       3       A       30       34.0       28.9       -5.1       1500         3       11L       12R       2       18       3       A       36       28.9       23.8       -5.1       1800         4       10L       11R       1       18       3       A       20       23.8       21.3       -2.5       1000         5       9L       10R       2       18       3       A       44       21.3       16.2       -5.1       2200         6       8L       9R       2       14       3       A       48       16.2       12.3       -3.9       2400         7       7L       8R       1       14       3       A       26       12.3       10.4       -1.9       1300         8       2L       2R       1       14       3       A       37       10.4       8.5       -1.9       1850	1											0
3 11L 12R 2 18 3 A 36 28.9 23.8 -5.1 1800 4 10L 11R 1 18 3 A 20 23.8 21.3 -2.5 1000 5 9L 10R 2 18 3 A 44 21.3 16.2 -5.1 2200 6 8L 9R 2 14 3 A 48 16.2 12.3 -3.9 2400 7 7L 8R 1 14 3 A 26 12.3 10.4 -1.9 1300 8 2L 2R 1 14 3 A 37 10.4 8.5 -1.9 1850				_				_				_
4 10L 11R 1 18 3 A 20 23.8 21.3 -2.5 1000 5 9L 10R 2 18 3 A 44 21.3 16.2 -5.1 2200 6 8L 9R 2 14 3 A 48 16.2 12.3 -3.9 2400 7 7L 8R 1 14 3 A 26 12.3 10.4 -1.9 1300 8 2L 2R 1 14 3 A 37 10.4 8.5 -1.9 1850	_			_		_						
5     9L     10R     2     18     3     A     44     21.3     16.2     -5.1     2200       6     8L     9R     2     14     3     A     48     16.2     12.3     -3.9     2400       7     7L     8R     1     14     3     A     26     12.3     10.4     -1.9     1300       8     2L     2R     1     14     3     A     37     10.4     8.5     -1.9     1850	_			_		_						
6 8L 9R 2 14 3 A 48 16.2 12.3 -3.9 2400 7 7L 8R 1 14 3 A 26 12.3 10.4 -1.9 1300 8 2L 2R 1 14 3 A 37 10.4 8.5 -1.9 1850						_						
7 7L 8R 1 14 3 A 26 12.3 10.4 -1.9 1300 8 2L 2R 1 14 3 A 37 10.4 8.5 -1.9 1850												
8 2L 2R 1 14 3 A 37 10.4 8.5 -1.9 1850				2	14	3	Α	48				
	7	7L	8R	1	14	3	Α	26	12.3	10.4	-1.9	1300
9 2L 2R 0 14 3 A 0 8.5 0.0 -8.5 0	8	2L	2R	1	14	3	Α	37	10.4	8.5	-1.9	1850
	9	2L	2R	0	14	3	Α	0	8.5	0.0	-8.5	0

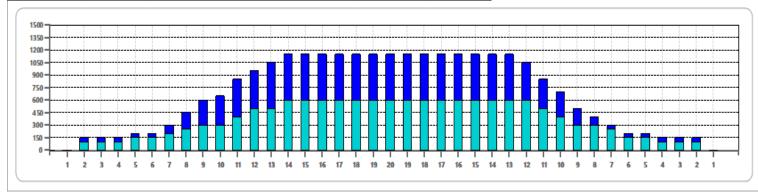
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

NA NA NA



ltem	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	Mlddle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	5,75	1,64	1,02	1	1,64	5.75







# PBA WEBB 37 (2025)



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

**37** 14.05 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

30 13.65 mL **KEGEL**  Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 27.7 mL **KEGEL** 

1     2L     2R     2     14     3     74     0.0     1.9     1.9     3700       2     4L     6R     1     14     3     31     1.9     3.8     1.9     1550       3     7L     6R     2     14     3     56     3.8     7.7     3.9     2800       4     10L     9R     3     18     3     66     7.7     15.3     7.6     3300       5     12L     11R     3     18     3     54     15.3     22.9     7.6     2700       6     2L     2R     0     18     3     0     22.9     28.0     5.1     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
3     7L     6R     2     14     3     56     3.8     7.7     3.9     2800       4     10L     9R     3     18     3     66     7.7     15.3     7.6     3300       5     12L     11R     3     18     3     54     15.3     22.9     7.6     2700       6     2L     2R     0     18     3     0     22.9     28.0     5.1     0	1	2L	2R	2	14	3	74	0.0	1.9	1.9	3700
4     10L     9R     3     18     3     66     7.7     15.3     7.6     3300       5     12L     11R     3     18     3     54     15.3     22.9     7.6     2700       6     2L     2R     0     18     3     0     22.9     28.0     5.1     0	2	4L	6R	1	14	3	31	1.9	3.8	1.9	1550
5 12L 11R 3 18 3 54 15.3 22.9 7.6 2700 6 2L 2R 0 18 3 0 22.9 28.0 5.1 0	3	7L	6R	2	14	3	56	3.8	7.7	3.9	2800
6 2L 2R 0 18 3 0 22.9 28.0 5.1 0	4	10L	9R	3	18	3	66	7.7	15.3	7.6	3300
	5	12L	11R	3	18	3	54	15.3	22.9	7.6	2700
$ 7 \ 2L  2R \qquad 0  22 \qquad 3 \qquad  0 \ 28.0 \ 37.0  9.0 \qquad 0 \\$	6	2L	2R	0	18	3	0	22.9	28.0	5.1	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	29.0	-8.0	0
2	13L	10R	2	22	3	36	29.0	22.8	-6.2	1800
3	11L	9R	2	18	3	42	22.8	17.7	-5.1	2100
4	8L	8R	3	14	3	75	17.7	11.8	-5.9	3750
5	7L	7R	1	14	3	27	11.8	9.9	-1.9	1350
6	6L	7R	2	14	3	56	9.9	6.0	-3.9	2800
7	2L	2R	1	14	3	37	6.0	4.1	-1.9	1850
8	2L	2R	0	14	3	0	4.1	0.0	-4.1	0
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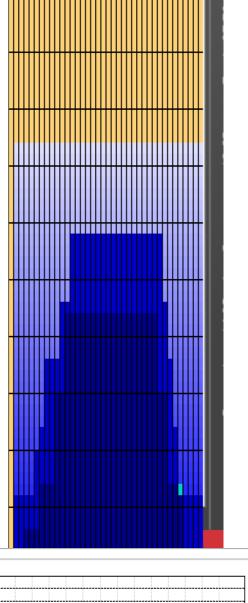
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

1200

NA NA NA



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	Mlddle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	4.23	1.45	1	1	1.2	4.58





#### 2025 PBA JOHNSON 40



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

40 20.6 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

34 15.5 mL Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 36.1 mL

START         STOP         LOADS         SPEED         BUFFER         TANK         CROSSED         START         END         FEET         T.O.           1         2 L         2R         4         14         3         A         148         0.0         5.9         5.9         740           2         2L         5R         1         14         3         A         34         5.9         7.8         1.9         170           3         5L         5R         2         14         3         A         62         7.8         11.7         3.9         310           4         5L         8R         1         18         3         A         28         11.7         14.2         2.5         140           5         8L         8R         2         18         3         A         50         14.2         19.3         5.1         250           6         11L         10R         3         18         3         A         60         19.3         26.9         7.6         300           7         14L         12R         2         18         3         A         30         26.9         32.0
2       2L       5R       1       14       3       A       34       5.9       7.8       1.9       170         3       5L       5R       2       14       3       A       62       7.8       11.7       3.9       310         4       5L       8R       1       18       3       A       28       11.7       14.2       2.5       140         5       8L       8R       2       18       3       A       50       14.2       19.3       5.1       250         6       11L       10R       3       18       3       A       60       19.3       26.9       7.6       300
3     5L     5R     2     14     3     A     62     7.8     11.7     3.9     310       4     5L     8R     1     18     3     A     28     11.7     14.2     2.5     140       5     8L     8R     2     18     3     A     50     14.2     19.3     5.1     250       6     11L     10R     3     18     3     A     60     19.3     26.9     7.6     300
4 5L       8R       1       18       3       A       28       11.7       14.2       2.5       140         5 8L       8R       2       18       3       A       50       14.2       19.3       5.1       250         6 11L       10R       3       18       3       A       60       19.3       26.9       7.6       300
5 8L 8R 2 18 3 A 50 14.2 19.3 5.1 250 6 11L 10R 3 18 3 A 60 19.3 26.9 7.6 300
6 11L 10R 3 18 3 A 60 19.3 26.9 7.6 300
7 14L 12R 2 18 3 A 30 26.9 32.0 5.1 150
8 2L 2R 0 18 3 A 0 32.0 36.0 4.0
9 2L 2R 0 22 3 A 0 36.0 40.0 4.0

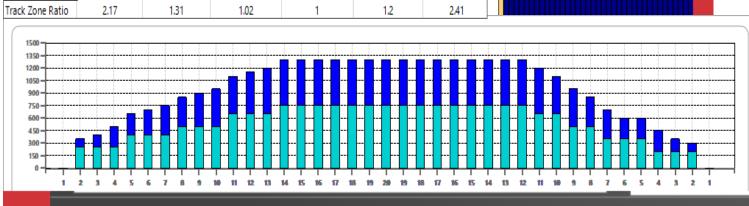
	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	22	3	Α	0	40.0	33.0	-7.0	0
2	13L	11R	1	22	3	Α	17	33.0	29.9	-3.1	850
3	12L	11R	1	18	3	Α	18	29.9	27.4	-2.5	900
4	10L	9R	1	18	3	Α	22	27.4	24.9	-2.5	1100
5	9L	9R	1	18	3	Α	23	24.9	22.4	-2.5	1150
6	7L	7R	1	18	3	Α	27	22.4	19.9	-2.5	1350
7	6L	7R	1	18	3	Α	28	19.9	17.4	-2.5	1400
8	2L	2R	1	18	3	Α	37	17.4	14.9	-2.5	1850
9	4L	4R	2	14	3	Α	66	14.9	11.0	-3.9	3300
10	3L	3R	1	14	3	Α	35	11.0	9.1	-1.9	1750
11	2L	2R	1	14	3	Α	37	9.1	7.2	-1.9	1850
12	2L	2R	0	14	3	Α	0	7.2	0.0	-7.2	0

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

NA NA NA



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	2.17	131	1.02	1	12	2.41





# PBA ROTH 43 (2025)



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

43 17.6 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

**37** 15.7 mL Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 33.3 mL

4     13L     11R     2     18     3     A     34     17.7     22.8     5.1     1700       5     15L     13R     4     18     3     A     52     22.8     33.0     10.2     2600       6     2L     2R     0     22     3     A     0     33.0     38.0     5.0     0		START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
3     13L     11R     2     14     3     A     34     13.8     17.7     3.9     1700       4     13L     11R     2     18     3     A     34     17.7     22.8     5.1     1700       5     15L     13R     4     18     3     A     52     22.8     33.0     10.2     2600       6     2L     2R     0     22     3     A     0     33.0     38.0     5.0     0	1	2L	2R	4	14	3	Α	148	0.0	5.9	5.9	7400
4     13L     11R     2     18     3     A     34     17.7     22.8     5.1     1700       5     15L     13R     4     18     3     A     52     22.8     33.0     10.2     2600       6     2L     2R     0     22     3     A     0     33.0     38.0     5.0     0	2	11L	9R	4	14	3	Α	84	5.9	13.8	7.9	4200
5 15L 13R 4 18 3 A 52 22.8 33.0 10.2 2600 6 2L 2R 0 22 3 A 0 33.0 38.0 5.0 0	3	13L	11R	2	14	3	Α	34	13.8	17.7	3.9	1700
6 2L 2R 0 22 3 A 0 33.0 38.0 5.0 0	4	13L	11R	2	18	3	Α	34	17.7	22.8	5.1	1700
	5	15L	13R	4	18	3	Α	52	22.8	33.0	10.2	2600
- 21	6	2L	2R	0	22	3	Α	0	33.0	38.0	5.0	0
7 2L 2R 0 26 3 A 0 38.0 43.0 5.0 0	7	2L	2R	0	26	3	Α	0	38.0	43.0	5.0	0

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	Α	0	43.0	36.0	-7.0	0
2	14L	12R	2	18	3	Α	30	36.0	30.9	-5.1	1500
3	12L	10R	2	18	3	Α	38	30.9	25.8	-5.1	1900
4	8L	8R	2	18	3	Α	50	25.8	20.7	-5.1	2500
5	6L	7R	2	18	3	Α	56	20.7	15.6	-5.1	2800
6	4L	6R	1	14	3	Α	31	15.6	13.7	-1.9	1550
7	2L	4R	1	14	3	Α	35	13.7	11.8	-1.9	1750
8	2L	2R	2	14	3	Α	74	11.8	7.9	-3.9	3700
9	2L	2R	0	14	3	Α	0	7.9	0.0	-7.9	0

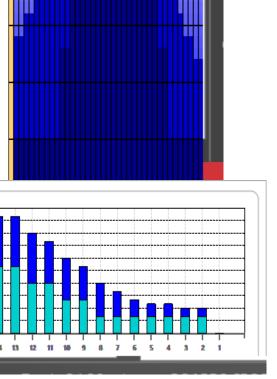
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

1200

NA NA NA



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	3,26	2	1.08	1	1.52	3.68





# **PBA WEBER 45 (2025)**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

45 17.44 mL **A Only**  **Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

39 17.135 mL **KEGEL**  Oil Per Board **Volume Oil Total Tank B Conditioner** 

Multi ul 34.575 mL **KEGEL** 

	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	2	60	14	3	Α	74	0.0	1.9	1.9	4440
2	2L	2R	2	50	14	3	Α	74	1.9	5.8	3.9	3700
3	2L	2R	2	40	14	3	Α	74	5.8	9.7	3.9	2960
4	5L	6R	1	40	18	3	Α	30	9.7	12.2	2.5	1200
5	8L	8R	1	40	18	3	Α	25	12.2	14.7	2.5	1000
6	12L	11R	4	40	18	3	Α	72	14.7	24.9	10.2	2880
7	15L	14R	3	35	18	3	Α	36	24.9	32.5	7.6	1260
8	2L	2R	0	35	22	3	Α	0	32.5	39.0	6.5	0
9	2L	2R	0	35	22	2	Α	0	39.0	45.0	6.0	0

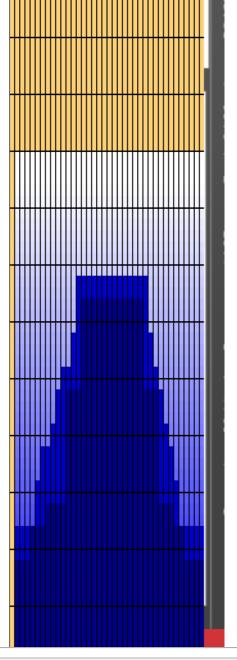
2R 13R 12R 11R 10R	0 2 1 1 1	40 45 45	30 18 18 18	3 3	A A A	16 19	34.0 28.9	28.9 26.4 23.9	-11.0 -5.1 -2.5 -2.5	720 855
12R 11R 10R	1 1 1	45 45	18 18	3	A A	16 19	28.9 26.4	26.4 23.9	-2.5 -2.5	720 855
11R 10R	1	45	18	3	Α	19	26.4	23.9	-2.5	855
10R	1			_						
		50	18	3	Α	21	23.9	21/	-25	1050
9R	4							21.7	2.3	.030
		50	18	3	Α	23	21.4	18.9	-2.5	1150
8R	1	50	18	3	Α	26	18.9	16.4	-2.5	1300
7R	2	50	14	3	Α	56	16.4	12.5	-3.9	2800
2R	4	55	14	4	Α	148	12.5	4.6	-7.9	8140
2R	0	50	14	4	Α	0	4.6	0.0	-4.6	0
	2R	2R 4	2R 4 55	2R 4 55 14	2R 4 55 14 4	2R 4 55 14 4 A	2R 4 55 14 4 A 148	2R 4 55 14 4 A 148 12.5	2R 4 55 14 4 A 148 12.5 4.6	2R 4 55 14 4 A 148 12.5 4.6 -7.9

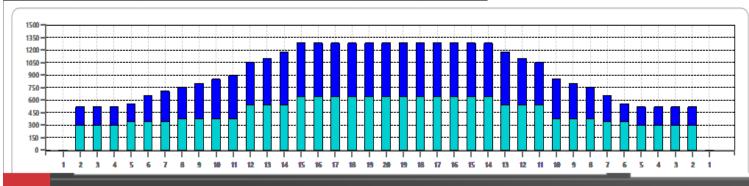
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

NA NA NA



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	2.16	1.48	1.05	1.02	1.41	2.31







# **PBA SALVINO 42 (2025)**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

42 15.8 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

**37** 17.65 mL Kegel Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 33.45 mL Kegel

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	5	14	3	Α	185	0.0	7.9	7.9	9250
2	2L	5R	1	14	3	Α	34	7.9	9.8	1.9	1700
3	4L	5R	1	18	3	Α	32	9.8	12.3	2.5	1600
4	7L	7R	1	18	3	Α	27	12.3	14.8	2.5	1350
5	10L	9R	1	18	3	Α	22	14.8	17.3	2.5	1100
6	14L	11R	1	18	3	Α	16	17.3	19.8	2.5	800
7	2L	2R	0	18	3	Α	0	19.8	26.0	6.2	0
8	2L	2R	0	22	3	Α	0	26.0	32.0	6.0	0
9	2L	2R	0	26	3	Α	0	32.0	42.0	10.0	0

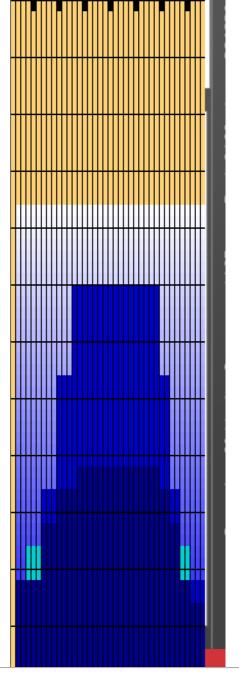
	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	Α	0	42.0	35.0	-7.0	0
2	13L	11R	3	18	3	Α	51	35.0	27.4	-7.6	2550
3	10L	9R	4	18	3	Α	88	27.4	17.2	-10.2	4400
4	7L	7R	4	14	3	Α	108	17.2	9.3	-7.9	5400
5	2L	2R	1	14	4	Α	37	9.3	7.4	-1.9	1850
6	4L	5R	1	10	4	Α	32	7.4	6.0	-1.4	1600
7	2L	2R	1	10	4	Α	37	6.0	4.6	-1.4	1850
8	2L	2R	0	10	4	Α	0	4.6	0.0	-4.6	0

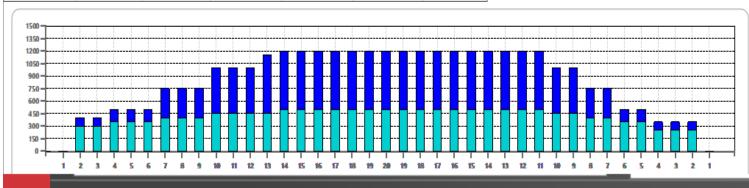
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

NA NA NA



ltem	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	2,26	1.33	1.01	1	1.17	2.45







# **PBA AULBY 39 (2025)**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

39 14.39 mL **A Only**  **Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

35 16.6 mL **KEGEL**  Oil Per Board **Volume Oil Total Tank B Conditioner** 

Multi ul 30.99 mL **KEGEL** 

	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	2	40	14	3	Α	74	0.0	1.9	1.9	2960
2	2L	2R	2	45	14	3	Α	74	1.9	5.8	3.9	3330
3	7L	7R	3	45	18	3	Α	81	5.8	13.4	7.6	3645
4	11L	10R	3	45	18	3	Α	60	13.4	21.0	7.6	2700
5	15L	13R	3	45	18	3	Α	39	21.0	28.6	7.6	1755
6	2L	2R	0	45	18	3	Α	0	28.6	33.0	4.4	0
7	2L	2R	0	45	22	3	Α	0	33.0	39.0	6.0	0

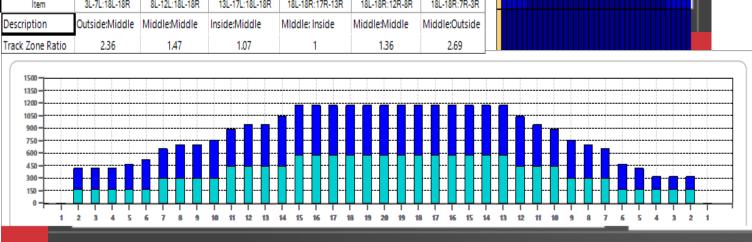
	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	50	22	3	Α	0	39.0	34.0	-5.0	0
2	14L	12R	2	50	22	3	Α	30	34.0	27.8	-6.2	1500
3	12L	11R	1	50	18	3	Α	18	27.8	25.3	-2.5	900
4	10L	9R	1	50	18	3	Α	22	25.3	22.8	-2.5	1100
5	8L	8R	1	50	18	3	Α	25	22.8	20.3	-2.5	1250
6	6L	7R	1	50	18	3	Α	28	20.3	17.8	-2.5	1400
7	2L	2R	1	50	14	3	Α	37	17.8	15.9	-1.9	1850
8	5L	6R	1	50	14	3	Α	30	15.9	14.0	-1.9	1500
9	2L	5R	2	50	14	4	Α	68	14.0	10.1	-3.9	3400
10	2L	2R	2	50	14	4	Α	74	10.1	6.2	-3.9	3700
11	2L	2R	0	55	14	4	Α	0	6.2	0.0	-6.2	0

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

NA NA NA



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	Mlddle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.36	1.47	1.07	1	1.36	2.69





#### **2023 PBA TACKETT 44**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

44 15.85 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

36 10.25 mL Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 26.1 mL

1       2L       2R       3       10       3       A       111       0.0       2.8       2.8       5550         2       7L       7R       1       14       3       A       27       2.8       4.7       1.9       1350         3       9L       9R       1       14       3       A       23       4.7       6.6       1.9       1150         4       10L       10R       1       18       3       A       21       6.6       9.1       2.5       1050         5       11L       12R       3       14       3       A       54       9.1       15.0       5.9       2700         6       13L       13R       3       18       3       A       45       15.0       22.6       7.6       2250         7       15L       14R       3       18       3       A       36       22.6       30.2       7.6       1800         8       2L       2R       0       18       3       A       0       30.2       35.0       4.8       0         9       2L       2R       0       30       3       A	2 7L       7R       1       14       3       A       27       2.8       4.7       1.9       1350         3 9L       9R       1       14       3       A       23       4.7       6.6       1.9       1150         4 10L       10R       1       18       3       A       21       6.6       9.1       2.5       1050         5 11L       12R       3       14       3       A       54       9.1       15.0       5.9       2700         6 13L       13R       3       18       3       A       45       15.0       22.6       7.6       2250         7 15L       14R       3       18       3       A       36       22.6       30.2       7.6       1800         8 2L       2R       0       18       3       A       0       30.2       35.0       4.8       0         9 2L       2R       0       22       3       A       0       35.0       39.0       4.0       0		START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
3     9L     9R     1     14     3     A     23     4.7     6.6     1.9     1150       4     10L     10R     1     18     3     A     21     6.6     9.1     2.5     1050       5     11L     12R     3     14     3     A     54     9.1     15.0     5.9     2700       6     13L     13R     3     18     3     A     45     15.0     22.6     7.6     2250       7     15L     14R     3     18     3     A     36     22.6     30.2     7.6     1800       8     2L     2R     0     18     3     A     0     30.2     35.0     4.8     0       9     2L     2R     0     22     3     A     0     35.0     39.0     4.0     0	3     9L     9R     1     14     3     A     23     4.7     6.6     1.9     1150       4     10L     10R     1     18     3     A     21     6.6     9.1     2.5     1050       5     11L     12R     3     14     3     A     54     9.1     15.0     5.9     2700       6     13L     13R     3     18     3     A     45     15.0     22.6     7.6     2250       7     15L     14R     3     18     3     A     36     22.6     30.2     7.6     1800       8     2L     2R     0     18     3     A     0     30.2     35.0     4.8     0       9     2L     2R     0     22     3     A     0     35.0     39.0     4.0     0	1	2L	2R	3	10	3	Α	111	0.0	2.8	2.8	5550
4       10L       10R       1       18       3       A       21       6.6       9.1       2.5       1050         5       11L       12R       3       14       3       A       54       9.1       15.0       5.9       2700         6       13L       13R       3       18       3       A       45       15.0       22.6       7.6       2250         7       15L       14R       3       18       3       A       36       22.6       30.2       7.6       1800         8       2L       2R       0       18       3       A       0       30.2       35.0       4.8       0         9       2L       2R       0       22       3       A       0       35.0       39.0       4.0       0	4 10L       10R       1       18       3       A       21       6.6       9.1       2.5       1050         5 11L       12R       3       14       3       A       54       9.1       15.0       5.9       2700         6 13L       13R       3       18       3       A       45       15.0       22.6       7.6       2250         7 15L       14R       3       18       3       A       36       22.6       30.2       7.6       1800         8 2L       2R       0       18       3       A       0       30.2       35.0       4.8       0         9 2L       2R       0       22       3       A       0       35.0       39.0       4.0       0	2	7L	7R	1	14	3	Α	27	2.8	4.7	1.9	1350
5     11L     12R     3     14     3     A     54     9.1     15.0     5.9     2700       6     13L     13R     3     18     3     A     45     15.0     22.6     7.6     2250       7     15L     14R     3     18     3     A     36     22.6     30.2     7.6     1800       8     2L     2R     0     18     3     A     0     30.2     35.0     4.8     0       9     2L     2R     0     22     3     A     0     35.0     39.0     4.0     0	5     11L     12R     3     14     3     A     54     9.1     15.0     5.9     2700       6     13L     13R     3     18     3     A     45     15.0     22.6     7.6     2250       7     15L     14R     3     18     3     A     36     22.6     30.2     7.6     1800       8     2L     2R     0     18     3     A     0     30.2     35.0     4.8     0       9     2L     2R     0     22     3     A     0     35.0     39.0     4.0     0	3	9L	9R	1	14	3	Α	23	4.7	6.6	1.9	1150
6 13L 13R 3 18 3 A 45 15.0 22.6 7.6 2250 7 15L 14R 3 18 3 A 36 22.6 30.2 7.6 1800 8 2L 2R 0 18 3 A 0 30.2 35.0 4.8 0 9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	6 13L 13R 3 18 3 A 45 15.0 22.6 7.6 2250 7 15L 14R 3 18 3 A 36 22.6 30.2 7.6 1800 8 2L 2R 0 18 3 A 0 30.2 35.0 4.8 0 9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	4	10L	10R	1	18	3	Α	21	6.6	9.1	2.5	1050
7 15L 14R 3 18 3 A 36 22.6 30.2 7.6 1800 8 2L 2R 0 18 3 A 0 30.2 35.0 4.8 0 9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	7 15L 14R 3 18 3 A 36 22.6 30.2 7.6 1800 8 2L 2R 0 18 3 A 0 30.2 35.0 4.8 0 9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	5	11L	12R	3	14	3	Α	54	9.1	15.0	5.9	2700
8 2L 2R 0 18 3 A 0 30.2 35.0 4.8 0 9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	8 2L 2R 0 18 3 A 0 30.2 35.0 4.8 0 9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	6	13L	13R	3	18	3	Α	45	15.0	22.6	7.6	2250
9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	9 2L 2R 0 22 3 A 0 35.0 39.0 4.0 0	7	15L	14R	3	18	3	Α	36	22.6	30.2	7.6	1800
		8	2L	2R	0	18	3	Α	0	30.2	35.0	4.8	0
10 2L 2R 0 30 3 A 0 39.0 44.0 5.0 0	10 2L 2R 0 30 3 A 0 39.0 44.0 5.0 0	9	2L	2R	0	22	3	Α	0	35.0	39.0	4.0	0
		10	2L	2R	0	30	3	Α	0	39.0	44.0	5.0	0

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	22	3	Α	0	44.0	35.0	-9.0	0
2	15L	14R	2	18	3	Α	24	35.0	29.9	-5.1	1200
3	14L	13R	2	18	3	Α	28	29.9	24.8	-5.1	1400
4	12L	12R	3	18	3	Α	51	24.8	17.2	-7.6	2550
5	10L	11R	2	14	3	Α	40	17.2	13.3	-3.9	2000
6	8L	8R	1	14	3	Α	25	13.3	11.4	-1.9	1250
7	2L	2R	1	14	3	Α	37	11.4	9.5	-1.9	1850
8	2L	2R	0	10	3	Α	0	9.5	0.0	-9.5	0

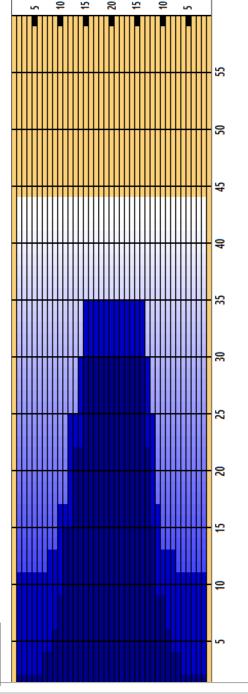
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

1350 1200

NA NA NA



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	6.19	2,5	1.1	1.04	2,77	6.19





#### 2023 O' NEILL 36



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

36 16.35 mL **A Only**  **Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

33 12.2 mL Oil Per Board **Volume Oil Total Tank B Conditioner** 

50 ul 28.55 mL

	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	1	14	3	Α	37	0.0	0.0	0.0	1850
2	3L	4R	1	14	3	Α	34	0.0	1.9	1.9	1700
3	5L	5R	3	14	3	Α	93	1.9	7.8	5.9	4650
4	6L	6R	3	18	3	Α	87	7.8	15.4	7.6	4350
5	8L	7R	2	18	3	Α	52	15.4	20.5	5.1	2600
6	9L	8R	1	18	3	Α	24	20.5	23.0	2.5	1200
7	2L	2R	0	18	3	Α	0	23.0	27.0	4.0	0
8	2L	2R	0	22	3	Α	0	27.0	32.0	5.0	0
9	2L	2R	0	30	3	Α	0	32.0	36.0	4.0	0

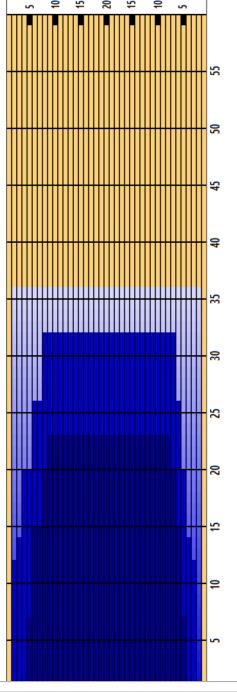
	START	STOP	LOADS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	30	3	Α	0	36.0	32.0	-4.0	0
2	8L	7R	2	22	3	Α	52	32.0	25.8	-6.2	2600
3	6L	6R	2	22	3	Α	58	25.8	19.6	-6.2	2900
4	4L	5R	2	18	3	Α	64	19.6	14.5	-5.1	3200
5	3L	4R	1	18	3	Α	34	14.5	12.0	-2.5	1700
6	2L	3R	1	14	3	Α	36	12.0	10.1	-1.9	1800
7	2L	2R	0	14	3	Α	0	10.1	0.0	-10.1	0

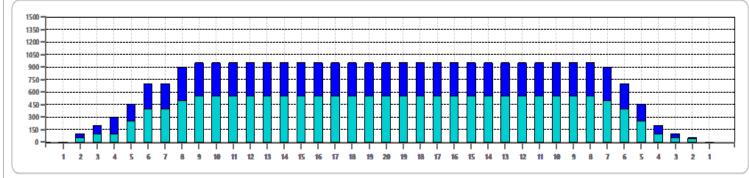
Cleaner Ratio Main Mix Cleaner Ratio Back End Mix Cleaner Ratio Back End Distance Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 100

NA NA NA



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	2.02	1.01	1	1	1	2.02







# **PBA ANTHONY 43 (2025)**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

20.105 mL **A Only** 

43

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

36 14.27 mL Kegel Oil Per Board **Volume Oil Total Tank B Conditioner** 

Multi ul 34.375 mL Kegel

	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	2	60	14	3	Α	74	0.0	1.9	1.9	4440
2	2L	3R	1	55	14	3	Α	36	1.9	3.8	1.9	1980
3	3L	5R	1	50	14	3	Α	33	3.8	5.7	1.9	1650
4	2L	2R	2	50	14	3	Α	74	5.7	9.6	3.9	3700
5	6L	7R	1	50	18	3	Α	28	9.6	12.1	2.5	1400
6	2L	2R	1	45	18	3	Α	37	12.1	14.6	2.5	1665
7	9L	9R	2	45	18	3	Α	46	14.6	19.7	5.1	2070
8	12L	11R	3	40	18	3	Α	54	19.7	27.3	7.6	2160
9	15L	13R	2	40	18	3	Α	26	27.3	32.4	5.1	1040
10	2L	2R	0	40	18	3	Α	0	32.4	37.0	4.6	0
11	2L	2R	0	40	22	3	Α	0	37.0	43.0	6.0	0
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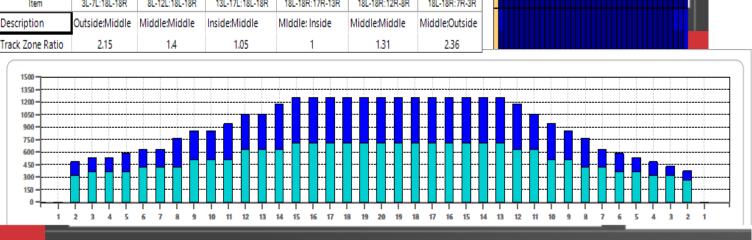
	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	40	22	3	Α	0	43.0	34.0	-9.0	0
2	14L	12R	3	40	22	3	Α	45	34.0	24.7	-9.3	1800
3	11L	10R	2	40	18	3	Α	40	24.7	19.6	-5.1	1600
4	8L	8R	3	45	18	3	Α	75	19.6	12.0	-7.6	3375
5	2L	2R	1	50	14	3	Α	37	12.0	10.1	-1.9	1850
6	5L	6R	1	50	14	3	Α	30	10.1	8.2	-1.9	1500
7	2L	4R	1	55	14	3	Α	35	8.2	6.3	-1.9	1925
8	2L	2R	1	60	14	3	Α	37	6.3	4.4	-1.9	2220
9	2L	2R	0	60	10	3	Α	0	4.4	0.0	-4.4	0

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

NA NA NA



		ı	1		ı	ı
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	Mlddle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	2.15	1.4	1.05	1	1.31	2.36





# **PBA MONACELLI 40 (2025)**



Oil Pattern Distance **Forward Oil Total Tank Configuration** 

40 15.68 mL **A Only** 

**Reverse Brush Drop Reverse Oil Total Tank A Conditioner** 

34 11.79 mL **KEGEL**  Oil Per Board **Volume Oil Total Tank B Conditioner** 

Multi ul 27.47 mL **KEGEL** 

	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	4	45	14	3	Α	148	0.0	5.9	5.9	6660
2	6L	7R	3	45	14	3	Α	84	5.9	11.8	5.9	3780
3	10L	9R	4	45	18	3	Α	88	11.8	22.0	10.2	3960
4	13L	12R	2	40	18	3	Α	32	22.0	27.1	5.1	1280
5	2L	2R	0	40	18	3	Α	0	27.1	32.0	4.9	0
5	2L	2R	0	40	18	2	Α	0	32.0	36.0	4.0	0
7	2L	2R	0	40	18	1	Α	0	36.0	40.0	4.0	(
									30.0	10.0	****	

	START	STOP	LOADS	MICS	SPEED	BUFFER	TANK	CROSSED	START	END	FEET	T.OIL
1	2L	2R	0	40	30	3	Α	0	40.0	30.0	-10.0	0
2	12L	11R	2	40	22	3	Α	36	30.0	23.8	-6.2	1440
3	11L	10R	3	45	18	3	Α	60	23.8	16.2	-7.6	2700
4	9L	8R	4	45	14	3	Α	96	16.2	8.3	-7.9	4320
5	2L	2R	2	45	14	3	Α	74	8.3	4.4	-3.9	3330
6	2L	2R	0	45	14	3	Α	0	4.4	0.0	-4.4	0

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

NA NA NA



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	Mlddle: Inside	Middle:Middle	Middle:Outside
Track Zone Ratio	3.27	1.46	1	1	1.24	3.57

