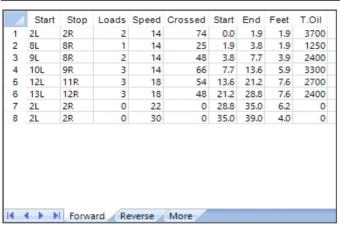


## **States Team Option A**



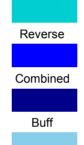
Oil Pattern Distance: 39 Feet Forward Oil Total: 15.75 mL Forward Boards Crossed: 315 Boards **Reverse Brush Drop:** 36 Feet 11.6 mL Reverse Oil Total: Reverse Boards Crossed: 232 Boards Oil Per Board: 50 uL 27.35 mL **Volume Oil Total:** 547 Boards **Total Boards Crossed:** 



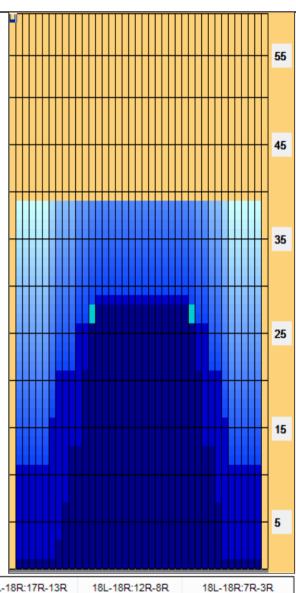
| <b>K</b> | $\mapsto$ | Forwa | ard Re | everse | More    |       |      |       |       |   |
|----------|-----------|-------|--------|--------|---------|-------|------|-------|-------|---|
|          | Start     | Stop  | Loads  | Speed  | Crossed | Start | End  | Feet  | T.Oil | 1 |
| 1        | 2L        | 2R    | 0      | 30     | 0       | 39.0  | 29.0 | -10.0 | 0     |   |
| 2        | 14L       | 13R   | 1      | 22     | 14      | 29.0  | 25.9 | -3.1  | 700   | 1 |
|          |           |       | _      |        |         |       |      |       |       |   |

| 3 11L 10R 2 18 40 25.9 20.8 -5.1 2000<br>4 8L 8R 2 18 50 20.8 15.7 -5.1 2500<br>5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700 | 2 14L 13R 1 22 14 29.0 25.9 -3.1 700<br>3 11L 10R 2 18 40 25.9 20.8 -5.1 2000<br>4 8L 8R 2 18 50 20.8 15.7 -5.1 2500<br>5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700 |   | Start | Stop | Loads | Speed | Crossed | Start | End  | Feet  | T.Oil |
|---|---|---|-------|------|-------|-------|---------|-------|------|-------|-------|
| 3 11L 10R 2 18 40 25.9 20.8 -5.1 2000<br>4 8L 8R 2 18 50 20.8 15.7 -5.1 2500<br>5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700 | 3 11L 10R 2 18 40 25.9 20.8 -5.1 2000<br>4 8L 8R 2 18 50 20.8 15.7 -5.1 2500<br>5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700   | 1 | 2L    | 2R   | 0     | 30    | 0       | 39.0  | 29.0 | -10.0 | 0     |
| 4 8L 8R 2 18 50 20.8 15.7 -5.1 2500<br>5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700  | 4 8L 8R 2 18 50 20.8 15.7 -5.1 2500<br>5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700  | 2 | 14L   | 13R  | 1     | 22    | 14      | 29.0  | 25.9 | -3.1  | 700   |
| 5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700   | 5 7L 7R 2 18 54 15.7 10.6 -5.1 2700<br>6 2L 2R 2 14 74 10.6 6.7 -3.9 3700   | 3 | 11L   | 10R  | 2     | 18    | 40      | 25.9  | 20.8 | -5.1  | 2000  |
| 6 2L 2R 2 14 74 10.6 6.7 -3.9 3700  | 6 2L 2R 2 14 74 10.6 6.7 -3.9 3700  | 4 | 8L    | 8R   | 2     | 18    | 50      | 20.8  | 15.7 | -5.1  | 2500  |
|   | _   | 5 | 7L    | 7R   | 2     | 18    | 54      | 15.7  | 10.6 | -5.1  | 2700  |
| 7 2L 2R 0 14 0 6.7 0.0 -6.7 0   | 7 2L 2R 0 14 0 6.7 0.0 -6.7 0   | 6 | 2L    | 2R   | 2     | 14    | 74      | 10.6  | 6.7  | -3.9  | 3700  |
|   |   | 7 | 2L    | 2R   | 0     | 14    | 0       | 6.7   | 0.0  | -6.7  | 0     |
|   |   |   |       |      |       |       |         |       |      |       |       |





Forward



| Ite          | m    |       |    | 3L           | -7L          | 18L          | -18 | R            |              |              | 8L-          | 12L: | :181     | -18 | BR. |    | 13   | 3L-1       | 17L | :18L  | -1  | 8R       |          | 18       | L-1      | 18R:     | 17  | ₹-1  | 3R   |     | 1   | BL-  | 18R | 1:12 | R-8 | R             |        | 1            | 8L-               | -18F | ₹:71 | R-3  | 3R  |    |
|--------------|------|-------|----|--------------|--------------|--------------|-----|--------------|--------------|--------------|--------------|------|----------|-----|-----|----|------|------------|-----|-------|-----|----------|----------|----------|----------|----------|-----|------|------|-----|-----|------|-----|------|-----|---------------|--------|--------------|-------------------|------|------|------|-----|----|
| Description  | n    |       | 0  | utsio        | de T         | rac          | k:M | idd          | le           | Mi           | ddl          | e Tr | ack      | :Mi | ddl | e  | Insi | ide        | Tra | ick:l | Mic | ddle     | •        | MIc      | ddle     | e: In    | sid | e Ti | rack | : 1 | Mic | ldle | :Mi | iddl | e T | rack          | c I    | Mid          | dle               | :Ou  | tsic | de 1 | Tra | cl |
| Frack Zone   | e Ra | atio  |    |              | 5            | .23          |     |              |              |              |              | 1.   | .67      |     |     |    |      |            | 1.  | 01    |     |          |          |          |          | 1        | ı   |      |      |     |     |      | 1   | .4   |     |               |        |              |                   | 5.   | 23   |      |     |    |
| Fo           | orw  | ard C | il | F            | Rev          | ers          | e O | il           |              |              |              |      |          |     |     |    |      |            |     |       |     |          |          |          |          |          |     |      |      |     |     |      |     |      |     |               |        |              |                   |      |      |      |     | 1  |
| 1 <b>500</b> | )    | 1 2   | 3  | 4 !          | 5 (          | 5            | 7 8 | 3            | 9 1          | 0            | 11 1         | 12   | 13       | 14  | 15  | 16 | 17   | 18         | 19  | 20    | ) 1 | 9 1      | 8        | 17       | 16       | 15       | 14  | 13   | 12   | 11  | 10  | 9    | 8   | 7    | 7 € | 5 5           | 5<br>— | 4            | 3<br><del> </del> | 2    | 1    | 0    | †   |    |
| 1350 -       |      |       | +  | <del> </del> |              |              |     | ļ            | <del> </del> | <del> </del> | <del> </del> | ļ    | -        | +   |     |    |      |            |     |       |     |          |          | +        |          |          |     | +-   |      |     |     |      |     |      |     |               |        | ┼            | <del> </del>      |      | +-   |      | -   |    |
| 1200 -       |      |       |    |              |              |              |     |              |              | ├            |              |      | +        | ╁-  | ╧   | ╧  | 1    | - <u>+</u> |     |       |     | <u> </u> | ╧   | ╧    |      |     |     |      |     |      |     |               | -      | <del> </del> | ┼                 |      | +-   | +    | -   |    |
| 1050 -       |      |       | +  | ╂            |              |              | ļ   | <del> </del> | ┼            | ┼            | ┼            |      | <u> </u> | -   | -   | ▐  | -    |            |     |       |     |          |          |          | -        | -        | -   | ▋    | •    |     |     |      |     |      |     | <del>  </del> | -      | <del> </del> | ┼                 |      | +-   | +-   | -   |    |
| 900 -        |      |       | +  |              |              |              |     | ļ            |              | <del> </del> | +            |      | -        | -   | 1   | ╂  | -    |            |     |       |     |          |          |          | -        | -        | -   | 1    | ╂    | -   | ├┼  |      |     |      |     |               |        | +            |                   |      | +    | +-   |     |    |
| 750 -        |      |       | +  | ╁            |              | <del> </del> |     | <del> </del> | -            | <u> </u>     |              |      | -        | -   | •   | ▐  |      |            |     |       |     |          |          |          | -        | -        | -   |      |      | -   |     | ┝╌╁  |     |      |     |               | -      | <del> </del> | ╁                 | +    | +    | +    | -   |    |
| 600 -        |      |       | +  | ╂            | <del> </del> | ļ            | ļ   |              |              |              |              |      | -        | -   | 1   | ╂  | -    |            |     |       |     |          |          |          | -        |          | -   | +    | +    | -   |     |      |     |      |     |               | -      | <del> </del> | <del> </del>      | +    | +    | +-   | -   |    |
| 450 -        |      |       | +  | ╁            |              |              | -   | -            |              |              |              |      |          | -   | 1   | 1  |      | [          |     |       |     |          |          |          |          | -        | -   | -    | -    | -   |     |      |     |      |     |               | -      | +            | +                 | +    | +-   | +    | -   |    |
| 300 -        |      |       | +  | <del> </del> |              | -            | -   |              |              |              |              |      |          | -   | 1   | -  |      |            | H   |       |     |          |          |          |          | -        | -   | -    | -    | -   |     |      |     |      | T   |               | -      | <del> </del> | ╁                 | +    | +-   | +    | 1   |    |
| 150 -        |      |       | -  |              |              |              |     |              |              |              |              |      |          | -   | 1   | 1  |      |            |     |       |     |          |          |          |          | -        | -   | 1    |      | -   |     |      |     |      |     |               |        |              |                   |      | +    |      | -   |    |



## **States Team Option B**



55

45

35

25

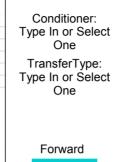
15

Oil Pattern Distance: 40 Feet
Forward Oil Total: 14.625 mL
Forward Boards Crossed: 325 Boards

Reverse Brush Drop: 37 Feet
Reverse Oil Total: 10.71 mL
Reverse Boards Crossed: 238 Boards

Oil Per Board: 45 uL
Volume Oil Total: 25.335 mL
Total Boards Crossed: 563 Boards

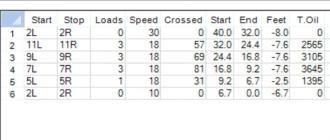


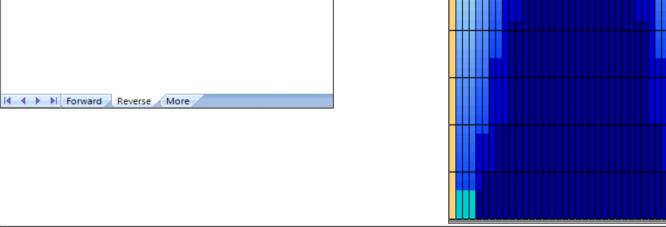


Reverse

Combined

Buff





|                      |                      |                      |                     |                      |                     | 5                    |
|----------------------|----------------------|----------------------|---------------------|----------------------|---------------------|----------------------|
| 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 Track:Middle | Middle Track:Middle  | Inside Track:Middle | MIddle: Inside Track | Middle:Middle Track | Middle:Outside Track |
| Track Zone Ratio     | 5                    | 1.39                 | 1                   | 1                    | 1.39                | 5                    |
| Forward O 0 1 2 1500 |                      | 10 11 12 13 14 15 16 | 5 17 18 19 20 19 18 | 17 16 15 14 13 12 1  | 1 10 9 8 7 6 5      | 4 3 2 1 0            |





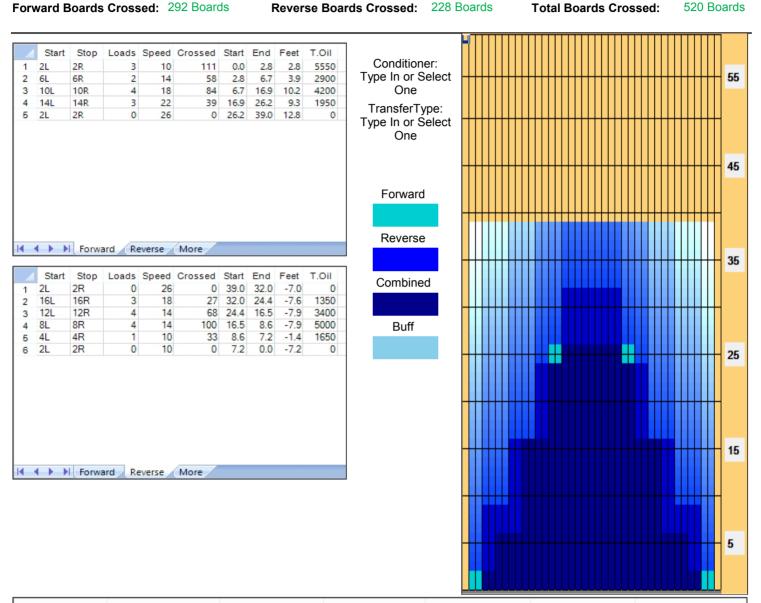
## **States Team Option C**



50 uL

26 mL

Oil Pattern Distance:39 FeetReverse Brush Drop:35 FeetOil Per Board:Forward Oil Total:14.6 mLReverse Oil Total:11.4 mLVolume Oil Total:Forward Boards Crossed:292 BoardsReverse Boards Crossed:228 BoardsTotal Boards Crossed:



| Item           |          | 3L-7l | L:18     | L-18     | R            |                | 8       | 3L-1     | 2L:      | 18L          | 18       | 3R  |    | 13       | L-1 | 7L:  | I8L | -18F | ₹  | 1  | 8L- | 18F   | ₹:17 | 7R-  | 13F  | ₹ .     | 1   | 18L-    | 18F | ₹:12         | 2R-          | 8R             |          |          | 18L    | 18     | R:7    | 'R-3R    |
|----------------|----------|-------|----------|----------|--------------|----------------|---------|----------|----------|--------------|----------|-----|----|----------|-----|------|-----|------|----|----|-----|-------|------|------|------|---------|-----|---------|-----|--------------|--------------|----------------|----------|----------|--------|--------|--------|----------|
| scription      | Out      | side  | Trac     | k:Mi     | idd          | le             | Mic     | ddle     | Tr       | ack          | :Mi      | ddl | e  | Insi     | de  | Trac | k:N | 1ido | le | М  | ldd | le: l | nsio | de 1 | Trac | ck      | Mi  | ddle    | e:M | idd          | lle 1        | Trac           | ck       | Mi       | ddl    | e:Oi   | utsi   | de Tra   |
| ack Zone Ratio |          |       | 5.22     | 2        |              |                |         |          | 1.       | 82           |          |     |    |          |     | 1.1  | 1   |      |    |    |     | 1     | .11  |      |      |         |     |         | 1.  | .82          |              |                |          |          |        | 5      | .22    |          |
| Forward O      |          | Re    | vers     | se O     | )il          |                |         |          |          |              |          |     |    |          |     |      |     |      |    |    |     |       |      |      |      |         |     |         |     |              |              |                |          |          |        |        |        |          |
| 0 1 2          | 3 4      | 5     | 6        | 7 8      | 3 5          | 9 1            | 0 1     | 1 1      | 2 1      | 13           | 14       | 15  | 16 | 17       | 18  | 19   | 20  | 19   | 18 | 17 | 16  | 15    | 14   | 13   | 3 12 | 2 1     | 1 1 | 0 9     | 9 8 | 8            | 7            | 6              | 5        | 4        | 3      | 2      | 1      | 0        |
| 1500           |          | 一     | $\top$   | $\top$   | $\Box$       |                |         |          |          | 1            | Τ        | 1   | T  |          | 1   | 1    | 1   | 1    | 1  |    | 1   | 7     | 1    | 7    |      |         |     |         |     |              | 1            | 1              | <b>T</b> | $\top$   | $\top$ | $\top$ | $\top$ | $\dashv$ |
| 1350           | -+       |       |          |          | <del> </del> | <del> </del>   |         | ļ        |          | <del> </del> | +        |     |    |          |     |      |     |      |    |    |     |       |      |      |      |         |     |         |     | <del> </del> | <del> </del> |                |          |          |        |        |        |          |
| 1200           |          |       |          |          | ļ            | ļ              | ļ       |          | ļ        | ļ            |          |     | ╧  | <u> </u> | ╁   | ╧    | ╁   | -    | ╁  | -  | 4   |       |      |      |      |         |     |         |     | ļ            | ļ            |                |          |          |        |        |        |          |
| 1050           |          |       |          |          | <del> </del> | ļ              | ļ       |          | ļ        | <del> </del> | <u>.</u> | _   | -  |          | -   | -    | -   |      | ┨  |    |     | -     |      |      |      |         | ļ   |         |     | ļ            | <del> </del> | - <del> </del> | +-       |          |        |        |        |          |
| 900            |          |       |          |          |              |                |         |          | <u>_</u> |              |          |     | ₽  | -        | -   | -    | ┨   | -    | ┨  |    | -   |       |      |      | ГТ   | <b></b> |     |         |     |              | ┼            |                |          | +        |        |        | +      |          |
| 750            |          |       |          |          | <del> </del> | <del> </del> _ | <u></u> | <u> </u> |          |              |          |     | ₽  |          | -   | -    | ┨   |      | ▋  |    |     |       |      |      |      |         |     | <u></u> |     | ļ            | <del> </del> |                |          |          |        |        |        |          |
| 600            |          |       |          |          | ļ            | ļ              |         |          |          |              |          |     | H  | -        | -   | -    |     | -    | ▋  | -  | -   |       |      |      |      |         |     |         |     | ļ            | ļ            | <del> </del>   |          |          |        |        |        |          |
| 450            |          |       |          |          |              | <u>-</u>       |         | 4-1      |          |              |          |     | -  |          | -   | -    |     | -    | -  |    |     |       |      |      | -    |         | -   |         |     | <u></u>      | <del> </del> |                |          |          |        |        | - -    |          |
| 300            |          |       | <u> </u> | <u>.</u> |              |                |         |          |          |              |          |     | -  |          | -   | -    |     | -    | -  |    |     |       |      |      | H    |         |     |         |     |              |              |                |          |          |        |        | +      |          |
| 150            | <u> </u> |       |          |          |              |                |         | -        |          |              |          |     | -  |          | -   | -    |     |      |    |    |     |       |      |      |      |         |     |         |     |              |              |                | +        | <u> </u> |        | +      |        |          |
| 0 📙 📙          |          |       |          |          |              |                |         |          |          |              |          |     |    |          |     |      |     |      |    |    |     |       |      |      | Ш    | Ш       |     |         |     |              |              |                |          |          |        |        |        |          |