

### Pattern Information

|                     |            |
|---------------------|------------|
| Date                | 8-Oct-2020 |
| Pattern Type        | SPORT      |
| Pattern Difficulty  | #NAME?     |
| Pattern Volume (ml) | 21.43      |

### Pattern Parameters

|                     |    |
|---------------------|----|
| Split Pattern       | No |
| Pattern Name        |    |
| Start Cleaner Spray | 0  |
| Start Squeegee      | 0  |
| Start Oiling        | 6  |

### Supplies Information

|                            |       |
|----------------------------|-------|
| Lane Cleaner               | Max10 |
| Cleaner Mixture Ratio      | 0 : 1 |
| Cleaner Spray End Distance | 51    |
| Lane Conditioner           |       |

### Surface Information

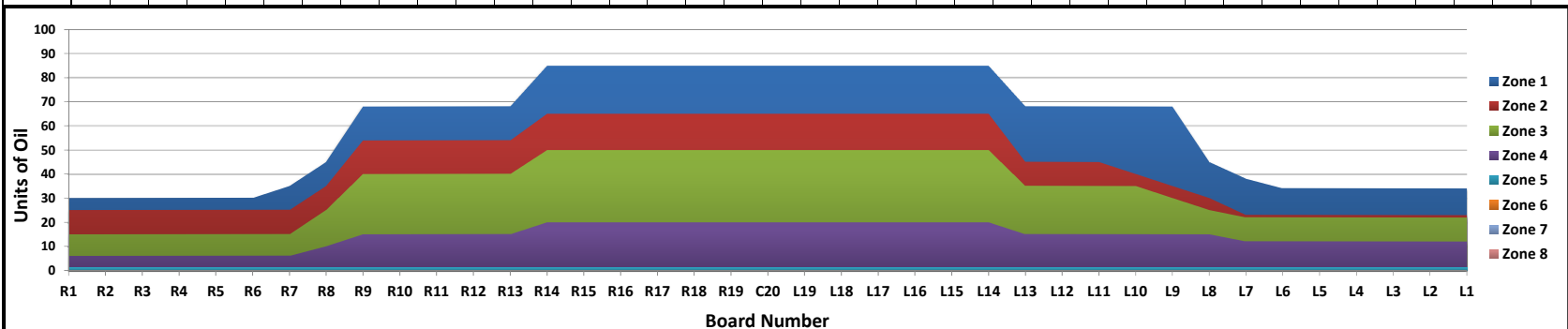
|               |  |
|---------------|--|
| Surface Type  |  |
| Surface Brand |  |
| Age           |  |

|              |         |                        |
|--------------|---------|------------------------|
| SPORT        | <4 : 1  | USBC Ratio Definitions |
| CHALLENGE    | 4-8 : 1 |                        |
| RECREATIONAL | >8 : 1  |                        |

### Notes

| Zone              | 1                          | 2                      | 3                      | 4                      | 5                      | 6                      | 7                      | 8                      |                          |
|-------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|
| Zone End Distance | 10                         | 18                     | 26                     | 32                     | 38                     |                        |                        |                        |                          |
| Zone Ratio        | L ### : ###<br>R ### : ### | ### : ###<br>### : ### | ### : ###<br>### : ### | ### : ###<br>### : ### | ### : ###<br>### : ### | ### : ###<br>### : ### | ### : ###<br>### : ### | ### : ###<br>### : ### | L 2.42 : 1<br>R 2.84 : 1 |
| Zone Volume (ml)  | 9.77                       | 5.79                   | 4.46                   | 1.41                   | 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    | 34         | 34 | 34 | 34 | 34 | 34 | 38 | 45 | 68 | 68  | 68  | 68           | 68  | 85  | 85  | 85  | 85  | 85  | 85  | 85  | 85  | 85  | 85          | 85  | 85  | 85  | 68  | 68  | 68  | 68  | 45 | 35 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |   |  |
| 2    | 23         | 23 | 23 | 23 | 23 | 23 | 23 | 30 | 35 | 40  | 45  | 45           | 45  | 65  | 65  | 65  | 65  | 65  | 65  | 65  | 65  | 65  | 65          | 65  | 65  | 65  | 54  | 54  | 54  | 54  | 54 | 35 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |   |  |
| 3    | 22         | 22 | 22 | 22 | 22 | 22 | 22 | 25 | 30 | 35  | 35  | 35           | 35  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50          | 50  | 50  | 50  | 40  | 40  | 40  | 40  | 40 | 25 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |   |  |
| 4    | 12         | 12 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15  | 15  | 15           | 15  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20          | 20  | 20  | 20  | 15  | 15  | 15  | 15  | 15 | 10 | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |   |  |
| 5    | 1          | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 1   | 1            | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1           | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1 |  |
| 6    |            |    |    |    |    |    |    |    |    |     |     |              |     |     |     |     |     |     |     |     |     |     |             |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |   |  |
| 7    |            |    |    |    |    |    |    |    |    |     |     |              |     |     |     |     |     |     |     |     |     |     |             |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |   |  |
| 8    |            |    |    |    |    |    |    |    |    |     |     |              |     |     |     |     |     |     |     |     |     |     |             |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |   |  |





**DIRECT+**  
Conditioning System



### Crosswise Ratios (by units)

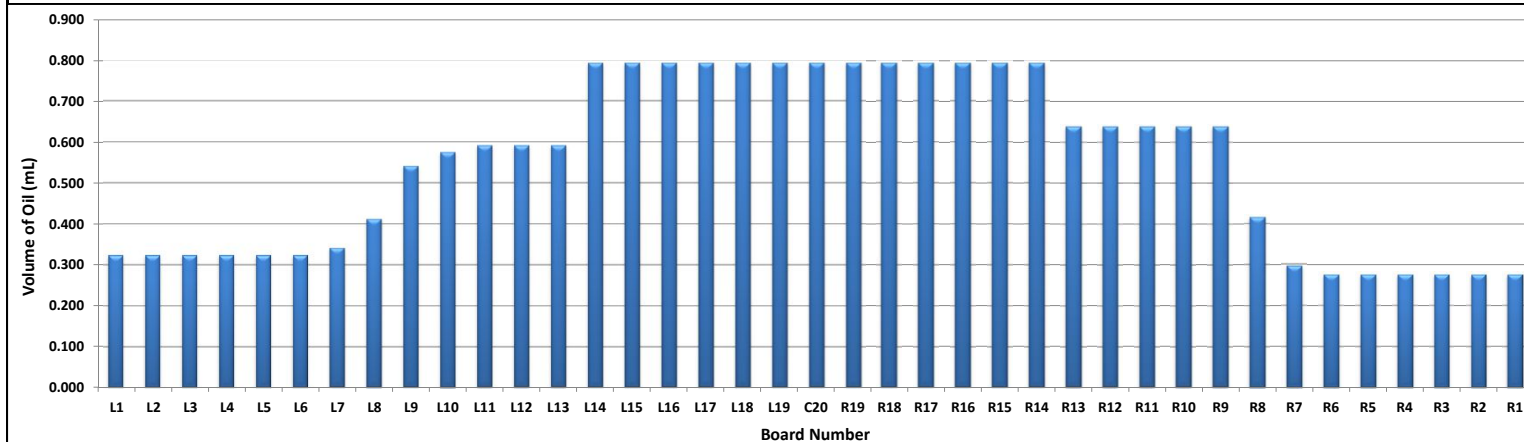
| Zone 1  |          |      | Average | Ratio |
|---------|----------|------|---------|-------|
| 3L-7L   | Left =   | 34.8 | #NAME?  |       |
| 3R-7R   | Right=   | 31.0 | #NAME?  |       |
| 18L-18R | Center = | 85.0 |         |       |
| Zone 2  |          |      | Average | Ratio |
| 3L-7L   | Left =   | 23.0 | #NAME?  |       |
| 3R-7R   | Right=   | 25.0 | #NAME?  |       |
| 18L-18R | Center=  | 65.0 |         |       |
| Zone 3  |          |      | Average | Ratio |
| 3L-7L   | Left =   | 22.0 | #NAME?  |       |
| 3R-7R   | Right=   | 15.0 | #NAME?  |       |
| 18L-18R | Center=  | 50.0 |         |       |
| Zone 4  |          |      | Average | Ratio |
| 3L-7L   | Left =   | 12.0 | #NAME?  |       |
| 3R-7R   | Right=   | 6.0  | #NAME?  |       |
| 18L-18R | Center = | 20.0 |         |       |

| Zone 5  |          |     | Average | Ratio |
|---------|----------|-----|---------|-------|
| 3L-7L   | Left =   | 1.0 | #NAME?  |       |
| 3R-7R   | Right=   | 1.0 | #NAME?  |       |
| 18L-18R | Center=  | 1.0 |         |       |
| Zone 6  |          |     | Average | Ratio |
| 3L-7L   | Left =   |     | #NAME?  |       |
| 3R-7R   | Right=   |     | #NAME?  |       |
| 18L-18R | Center=  |     |         |       |
| Zone 7  |          |     | Average | Ratio |
| 3L-7L   | Left =   |     | #NAME?  |       |
| 3R-7R   | Right=   |     | #NAME?  |       |
| 18L-18R | Center = |     |         |       |
| Zone 8  |          |     | Average | Ratio |
| 3L-7L   | Left =   |     | #NAME?  |       |
| 3R-7R   | Right=   |     | #NAME?  |       |
| 18L-18R | Center=  |     |         |       |

### Crosswise Ratios (by ml)

|         |          |                |              |  |
|---------|----------|----------------|--------------|--|
|         |          | <b>Zone 1</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.146          | #NAME?       |  |
| 3R-7R   | Right=   | 0.130          | #NAME?       |  |
| 18L-18R | Center = | 0.356          |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 2</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.077          | #NAME?       |  |
| 3R-7R   | Right=   | 0.084          | #NAME?       |  |
| 18L-18R | Center=  | 0.218          |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 3</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.074          | #NAME?       |  |
| 3R-7R   | Right=   | 0.050          | #NAME?       |  |
| 18L-18R | Center=  | 0.168          |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 4</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.030          | #NAME?       |  |
| 3R-7R   | Right=   | 0.015          | #NAME?       |  |
| 18L-18R | Center = | 0.050          |              |  |
|         |          |                |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 5</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.000          | #NAME?       |  |
| 3R-7R   | Right=   | 0.000          | #NAME?       |  |
| 18L-18R | Center=  | 0.000          |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 6</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.000          | #NAME?       |  |
| 3R-7R   | Right=   | 0.000          | #NAME?       |  |
| 18L-18R | Center=  | 0.000          |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 7</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.000          | #NAME?       |  |
| 3R-7R   | Right=   | 0.000          | #NAME?       |  |
| 18L-18R | Center = | 0.000          |              |  |
|         |          |                |              |  |
|         |          | <b>Zone 8</b>  |              |  |
|         |          | <b>Average</b> | <b>Ratio</b> |  |
| 3L-7L   | Left =   | 0.000          | #NAME?       |  |
| 3R-7R   | Right=   | 0.000          | #NAME?       |  |
| 18L-18R | Center=  | 0.000          |              |  |
|         |          |                |              |  |

The above 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         | 8L-12L:18L-18R       | 13L-17L:18L-18R      | 18L-18R:17R-13R      | 18L-18R:12R-8R       | 18L-18R:7R-3R         |
|-----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| Outside Track: Middle | Middle Track: Middle | Inside Track: Middle | Middle: Inside Track | Middle: Middle Track | Middle: Outside Track |
| 2.42                  | 1.46                 | 1.05                 | 1.04                 | 1.33                 | 2.83                  |



| Lengthwise Ratio By Area |       |         |       |
|--------------------------|-------|---------|-------|
|                          | 3L-7L | 18L-18R | 3R-7R |
|                          | Left  | Center  | Right |
| Zone 2                   | 1.5   | 1.3     | 1.2   |
| Zone 3                   | 1.5   | 1.7     | 2.0   |
| Zone 4                   | 2.9   | 4.2     | 5.1   |
| Zone 5                   | 34.8  | 85.0    | 31.0  |
| Zone 6                   |       |         |       |
| Zone 7                   |       |         |       |
| Zone 8                   |       |         |       |

Lengthwise Ratio By Board (units & ml)

|      | 7 Pin Side |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Board Number |      |      |      |      |      |      |      |      |      | 10 Pin Side |      |      |      |      |      |      |      |      |      |      |      |     |  |
|------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|------|------|-----|--|
| Zone | 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  |  |
| 2    | 1.5        | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.7  | 1.5  | 1.9  | 1.7  | 1.5  | 1.5  | 1.5  | 1.3  | 1.3  | 1.3  | 1.3          | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3  | 1.3         | 1.3  | 1.3  | 1.3  | 1.3  | 1.4  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  | 1.2  |     |  |
| 3    | 1.5        | 1.5  | 1.5  | 1.5  | 1.5  | 1.5  | 1.7  | 1.8  | 2.3  | 1.9  | 1.9  | 1.9  | 1.9  | 1.7  | 1.7  | 1.7  | 1.7          | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7  | 1.7         | 1.7  | 1.7  | 1.7  | 1.8  | 2.3  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  |     |  |
| 4    | 2.8        | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 3.2  | 3.0  | 4.5  | 4.5  | 4.5  | 4.5  | 4.5  | 4.3  | 4.3  | 4.3  | 4.3          | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.3  | 4.5         | 4.5  | 4.5  | 4.5  | 4.5  | 4.5  | 5.8  | 5.0  | 5.0  | 5.0  | 5.0  | 5.0  | 5.0 |  |
| 5    | 34.0       | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 38.0 | 45.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 85.0 | 85.0 | 85.0 | 85.0         | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 68.0        | 68.0 | 68.0 | 68.0 | 45.0 | 35.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |     |  |
| 6    |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |              |      |      |      |      |      |      |      |      |      |             |      |      |      |      |      |      |      |      |      |      |      |     |  |
| 7    |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |              |      |      |      |      |      |      |      |      |      |             |      |      |      |      |      |      |      |      |      |      |      |     |  |
| 8    |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |              |      |      |      |      |      |      |      |      |      |             |      |      |      |      |      |      |      |      |      |      |      |     |  |

The lengthwise ratios are calculated from the volumes in the first zone.

