



ENVOY AUTHORITY22®

NCAA 1 HV

Crosswise Ratios (by units)

| Zone 1 | | | |
|---------|----------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 50.6 | 1.9 | |
| 3R-7R | Right = 50.6 | 1.9 | |
| 18L-18R | Center = 100.0 | | |

| Zone 2 | | | |
|---------|---------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 37.0 | 2.0 | |
| 3R-7R | Right = 37.0 | 2.0 | |
| 18L-18R | Center = 75.0 | | |

| Zone 3 | | | |
|---------|---------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 24.8 | 2.0 | |
| 3R-7R | Right = 24.8 | 2.0 | |
| 18L-18R | Center = 51.0 | | |

| Zone 4 | | | |
|---------|--------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 1.0 | 1.0 | |
| 3R-7R | Right = 1.0 | 1.0 | |
| 18L-18R | Center = 1.0 | | |

| Zone 5 | | | |
|---------|------------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = #DIV/0! | #DIV/0! | |
| 3R-7R | Right = #DIV/0! | #DIV/0! | |
| 18L-18R | Center = #DIV/0! | | |

| Zone 6 | | | |
|---------|------------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = #DIV/0! | #DIV/0! | |
| 3R-7R | Right = #DIV/0! | #DIV/0! | |
| 18L-18R | Center = #DIV/0! | | |

| Zone 7 | | | |
|---------|------------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = #DIV/0! | #DIV/0! | |
| 3R-7R | Right = #DIV/0! | #DIV/0! | |
| 18L-18R | Center = #DIV/0! | | |

| Zone 8 | | | |
|---------|------------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = #DIV/0! | #DIV/0! | |
| 3R-7R | Right = #DIV/0! | #DIV/0! | |
| 18L-18R | Center = #DIV/0! | | |

Crosswise Ratios (by ml)

| Zone 1 | | | |
|---------|----------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.233 | 1.9 | |
| 3R-7R | Right = 0.233 | 1.9 | |
| 18L-18R | Center = 0.461 | | |

| Zone 2 | | | |
|---------|----------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.124 | 2.0 | |
| 3R-7R | Right = 0.124 | 2.0 | |
| 18L-18R | Center = 0.251 | | |

| Zone 3 | | | |
|---------|----------------|-------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.052 | 2.0 | |
| 3R-7R | Right = 0.052 | 2.0 | |
| 18L-18R | Center = 0.107 | | |

| Zone 4 | | | |
|---------|----------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.000 | #DIV/0! | |
| 3R-7R | Right = 0.000 | #DIV/0! | |
| 18L-18R | Center = 0.000 | | |

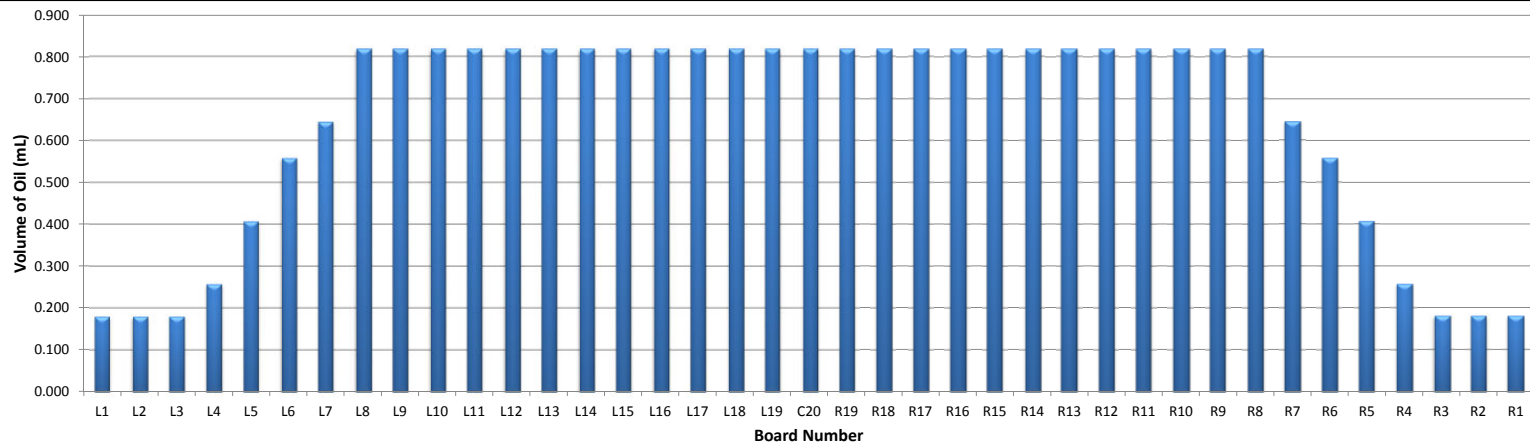
| Zone 5 | | | |
|---------|----------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.000 | #DIV/0! | |
| 3R-7R | Right = 0.000 | #DIV/0! | |
| 18L-18R | Center = 0.000 | | |

| Zone 6 | | | |
|---------|----------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.000 | #DIV/0! | |
| 3R-7R | Right = 0.000 | #DIV/0! | |
| 18L-18R | Center = 0.000 | | |

| Zone 7 | | | |
|---------|----------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.000 | #DIV/0! | |
| 3R-7R | Right = 0.000 | #DIV/0! | |
| 18L-18R | Center = 0.000 | | |

| Zone 8 | | | |
|---------|----------------|---------|--|
| | Average | Ratio | |
| 3L-7L | Left = 0.000 | #DIV/0! | |
| 3R-7R | Right = 0.000 | #DIV/0! | |
| 18L-18R | Center = 0.000 | | |

The 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

Ratio by Total Volume

18L-18R:7R-3R

2.00

1

2.00



Lengthwise Ratio By Area

3L-7L 18L-18R 3R-7R

| | Left | Center | Right |
|--------|---------|---------|---------|
| Zone 2 | 1.3 | 1.3 | 1.3 |
| Zone 3 | 2.0 | 1.9 | 2.0 |
| Zone 4 | 50.6 | 100.0 | 50.6 |
| Zone 5 | #DIV/0! | #DIV/0! | #DIV/0! |
| Zone 6 | #DIV/0! | #DIV/0! | #DIV/0! |
| Zone 7 | #DIV/0! | #DIV/0! | #DIV/0! |
| Zone 8 | #DIV/0! | #DIV/0! | #DIV/0! |

NCAA 1 HV

Lengthwise Ratio By Board (units & ml)

| 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 | |
| 2 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.3 | 1.2 | 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 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 | 1.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | |
| 3 | 2.1 | 2.1 | 2.1 | 2.2 | 2.7 | 1.9 | 1.8 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.8 | 1.9 | 2.7 | 2.2 | 2.1 | 2.1 | 2.1 | | | |
| 4 | 23.0 | 23.0 | 23.0 | 33.0 | 53.0 | 68.0 | 76.0 | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### |
| 5 | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### |
| 6 | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### |
| 7 | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### |
| 8 | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### | #### |

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