



# KEGEL

## LANDMARK PATTERNS





# KEGEL LANDMARK PATTERNS

## RECREATION SERIES



### GREAT WALL OF CHINA 5448

Long associated with a blocked lane condition, the Great Wall of China pattern is the wall of all walls. At 48' in length, the best way to attack this pattern is up against the wall of oil instead of jumping to the drier part of the lane. Once lined up properly on the Great Wall of China, it will be almost impossible to cross over to the other side!

#### **Latitude Ratio Coordinates**

22' 5.4 to 1

46' 3.3 to 1

#### **Longitude Ratio Coordinates**

Outside Taper 5.6 to 1

Inside Taper 8.6 to 1

#### **Pattern Distance**

48 Feet

#### **Pattern Volume**

Forward 16.10 mL

Reverse 9.20 mL

Total 25.30 mL



# KEGEL LANDMARK PATTERNS

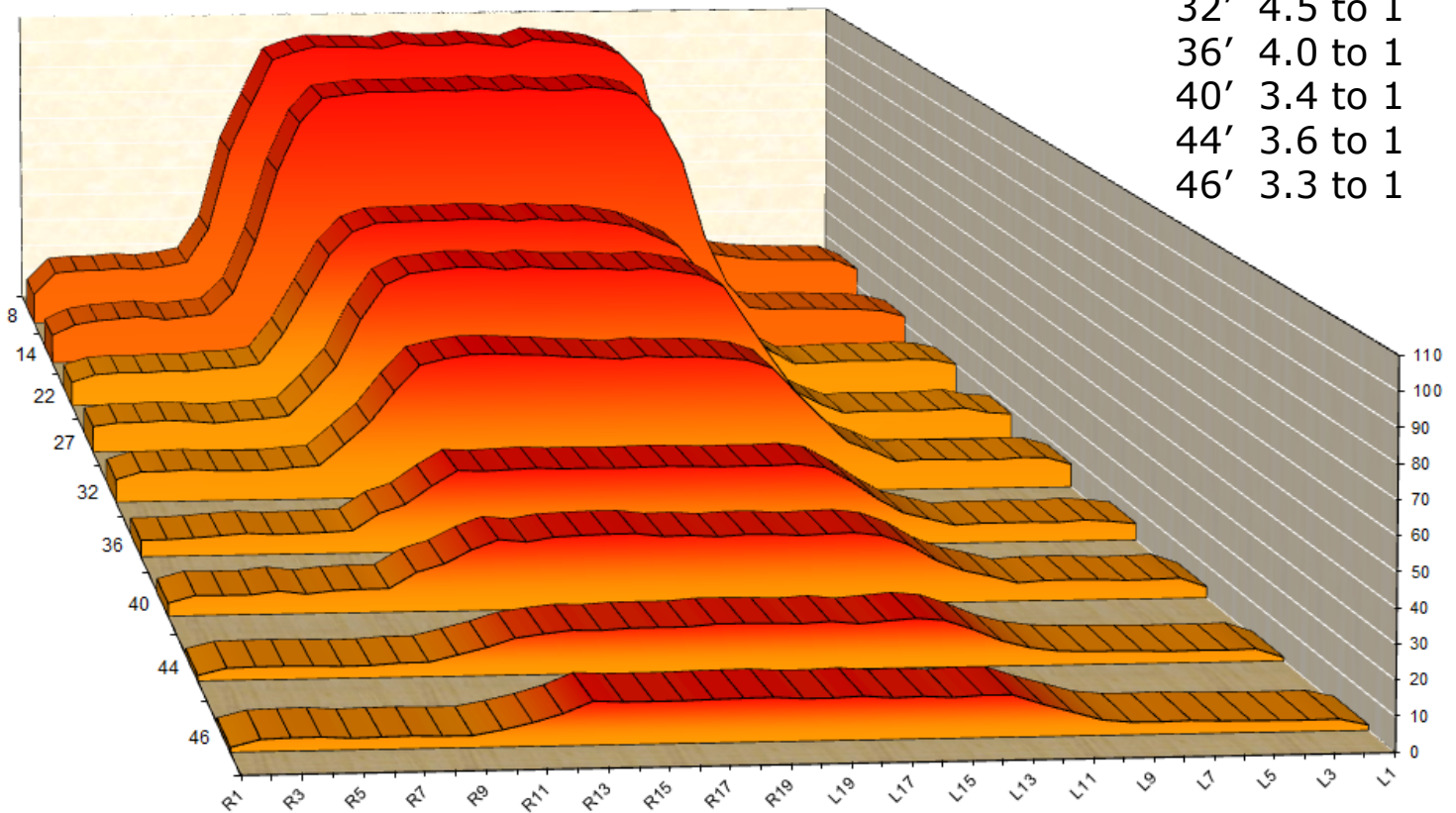
## RECREATION SERIES



### GREAT WALL OF CHINA 5448

#### Latitude Ratio Coordinates

|     |          |
|-----|----------|
| 8'  | 5.2 to 1 |
| 14' | 6.2 to 1 |
| 22' | 5.4 to 1 |
| 27' | 6.0 to 1 |
| 32' | 4.5 to 1 |
| 36' | 4.0 to 1 |
| 40' | 3.4 to 1 |
| 44' | 3.6 to 1 |
| 46' | 3.3 to 1 |



The 2D Chart above was generated by the Lane Reader showing select tapes and ratios at key distances throughout the oil pattern. USBC Sport Bowling ratios are calculated at 22' and 2' before the end of the oil pattern. **KEGEL KODE Ratios** are determined by the highest Sport Bowling ratio number for that oil pattern.

**KEGEL TIP** - Generally, the lower the ratios towards the end of the oil pattern, the less guidance of the bowling ball and therefore, the more difficult the oil pattern may play. The higher the ratios are towards the end of the oil pattern, the easier it may play.



# KEGEL LANDMARK PATTERNS

## RECREATION SERIES



### R - Great Wall of China

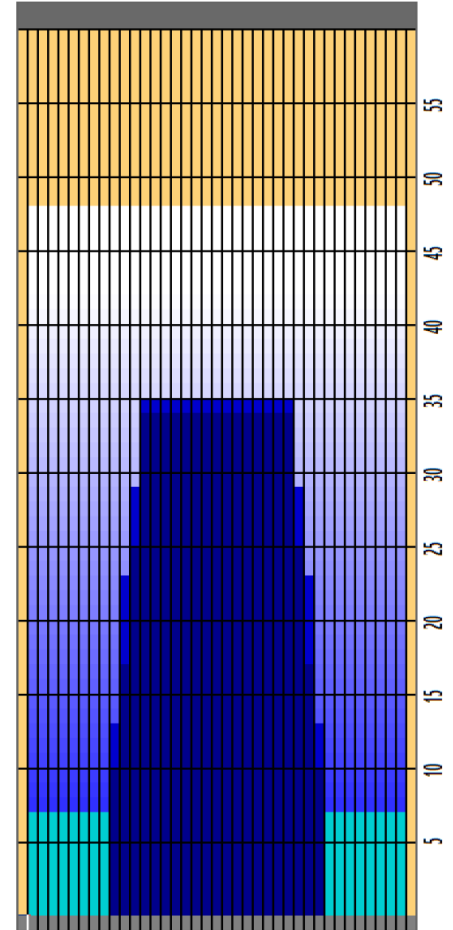


|                      |         |                    |        |                    |         |
|----------------------|---------|--------------------|--------|--------------------|---------|
| Oil Pattern Distance | 48      | Reverse Brush Drop | 43     | Oil Per Board      | 50 ul   |
| Forward Oil Total    | 16.1 mL | Reverse Oil Total  | 9.2 mL | Volume Oil Total   | 25.3 mL |
| Tank Configuration   | N/A     | Tank A Conditioner | FIRE   | Tank B Conditioner | ICE     |

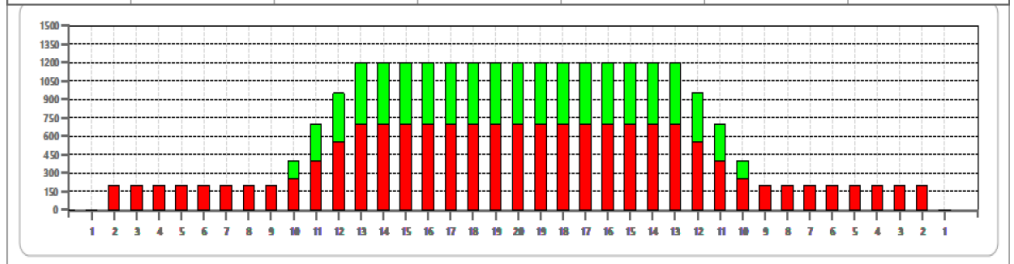
|   | START | STOP | LOADS | SPEED | BUFFER | TANK | CROSSED | START | END  | FEET | T.OIL |
|---|-------|------|-------|-------|--------|------|---------|-------|------|------|-------|
| 1 | 2L    | 2R   | 4     | 18    | 3      | A    | 148     | 0.0   | 7.6  | 7.6  | 7400  |
| 2 | 10L   | 10R  | 1     | 18    | 3      | A    | 21      | 7.6   | 10.1 | 2.5  | 1050  |
| 3 | 11L   | 11R  | 3     | 18    | 3      | A    | 57      | 10.1  | 17.7 | 7.6  | 2850  |
| 4 | 12L   | 12R  | 3     | 18    | 3      | A    | 51      | 17.7  | 25.3 | 7.6  | 2550  |
| 5 | 13L   | 13R  | 3     | 22    | 3      | A    | 45      | 25.3  | 34.6 | 9.3  | 2250  |
| 6 | 2L    | 2R   | 0     | 22    | 3      | A    | 0       | 34.6  | 42.0 | 7.4  | 0     |
| 7 | 2L    | 2R   | 0     | 26    | 2      | A    | 0       | 42.0  | 48.0 | 6.0  | 0     |

|   | START | STOP | LOADS | SPEED | BUFFER | TANK | CROSSED | START | END  | FEET | T.OIL |
|---|-------|------|-------|-------|--------|------|---------|-------|------|------|-------|
| 1 | 2L    | 2R   | 0     | 30    | 1      | B    | 0       | 48.0  | 39.0 | -9.0 | 0     |
| 2 | 2L    | 2R   | 0     | 26    | 2      | B    | 0       | 39.0  | 35.0 | -4.0 | 0     |
| 3 | 13L   | 13R  | 2     | 22    | 3      | B    | 30      | 35.0  | 28.8 | -6.2 | 1500  |
| 4 | 12L   | 12R  | 2     | 22    | 3      | B    | 34      | 28.8  | 22.6 | -6.2 | 1700  |
| 5 | 11L   | 11R  | 3     | 22    | 3      | B    | 57      | 22.6  | 13.3 | -9.3 | 2850  |
| 6 | 10L   | 10R  | 2     | 18    | 4      | B    | 42      | 13.3  | 8.2  | -5.1 | 2100  |
| 7 | 10L   | 10R  | 1     | 14    | 4      | B    | 21      | 8.2   | 6.3  | -1.9 | 1050  |
| 8 | 2L    | 2R   | 0     | 14    | 4      | B    | 0       | 6.3   | 0.0  | -6.3 | 0     |

Cleaner Ratio Main Mix 4:1  
 Cleaner Ratio Back End Mix 4:1  
 Cleaner Ratio Back End Distance 59  
 Buffer RPM: 4 = 700 | 3 = 500 | 2 = 200 | 1 = 60



| 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 | 6                    | 2.45                | 1                   | 1                    | 2.45                | 6                    |



This page shows the **KOSI FLEX LANE MACHINE** program sheet.

The **HEADER** shows the oil pattern distance, the reverse brush drop distance, the amount of lane conditioner applied to the lane, the oil per board setting, and the conditioner type in each tank.

Below that is the **FLEX LANE MACHINE PROGRAM** settings which shows the load structure and number of loads, the oil pump setting if using the multi mic stream feature, the speed of the lane machine, the buffer speed, and the tank choice per load screen.

The **OVERHEAD CHART** on the far right shows where the conditioner is applied on both the forward and reverse pass. The gradient area is a calculation of how the conditioner might bleed off the buffer brush.

The **COMPOSITE GRAPH** at the bottom shows the total amount of conditioner applied to every board along with that volume ratio in different zones.

A good way to think about the composite graph is to envision all the conditioner on the lane being pushed back to the foul line. Once all the conditioner is stacked up, this is what it would look like.

**KEGEL TIP** - Once the amount of conditioner on the corners (outsides) reaches 300 microliters, an oil pattern begins to become "competitive". Less than that amount the ball might see friction and it could play on the easy side.