



2009 Pennsylvania State High School Championships

(short oil pattern)



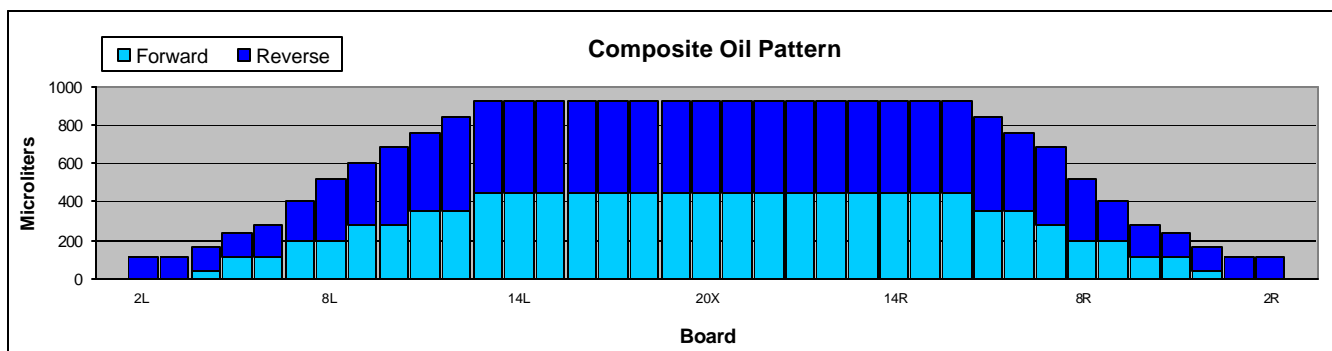
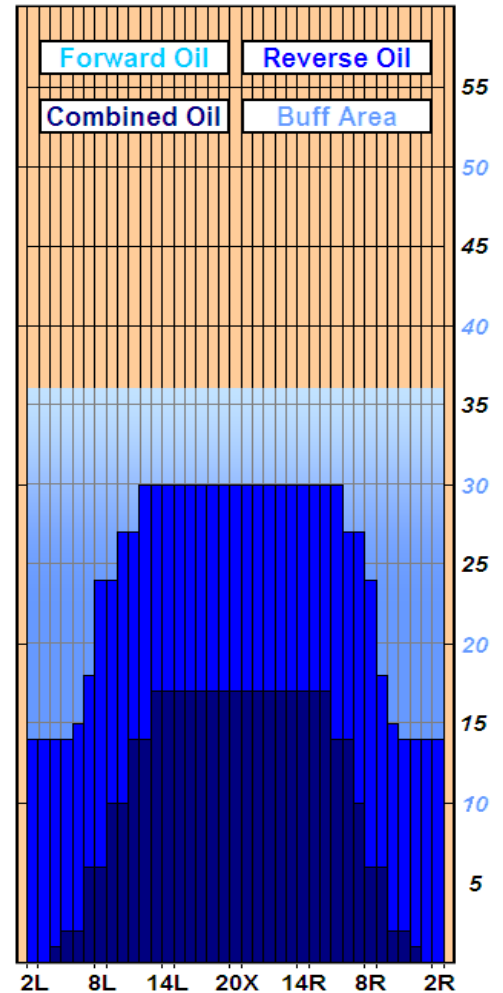
Oil Per Board: 40 μ L **Forward Oil Total:** 10.68 mL **Forward Boards Crossed:** 267 boards
Oil Pattern Distance: 36 ft **Reverse Oil Total:** 12.88 mL **Reverse Boards Crossed:** 322 boards
Oil Ratio: 3.83 : 1 **Volume Oil Total:** 23.56 mL **Total Boards Crossed:** 589 boards

Forward Oil

#	Start (Left)	Stop (Right)	# of Loads	Speed (in/sec)	Begin (ft)	End (ft)	Boards Crossed	Total Oil (μ L)
1	4	4	1	14	0	1	33	1320
2	5	5	2	14	1	2	62	2480
3	7	7	2	14	2	6	54	2160
4	9	9	2	14	6	10	46	1840
5	11	10	2	18	10	14	40	1600
6	13	12	2	18	14	17	32	1280
7	2	2	0	18	17	23		
8	2	2	0	22	23	30		
9	2	2	0	30	30	36		
10								

Reverse Oil

#	Start (Left)	Stop (Right)	# of Loads	Speed (in/sec)	Begin (ft)	End (ft)	Boards Crossed	Total Oil (μ L)
1	2	2	0	30	36	30		
2	12	11	2	22	30	27	36	1440
3	10	9	2	18	27	24	44	1760
4	8	8	3	18	24	18	75	3000
5	7	7	1	14	18	15	27	1080
6	6	6	1	14	15	14	29	1160
7	2	2	3	14	14	10	111	4440
8	2	2	0	14	10	0		
9								
10								



This oil pattern was designed for high school bowling and is based on the BROADWAY pattern from the Kegel Challenge Series. For more information on the Kegel Navigation Series, go to their website at <http://www.kegel.net>.