# of elements	Single Pivot(milliseconds)	Multi Pivot(milliseconds)
1 Million (Worst Case Input)	201	247
10 Million (Worst Case Input)	2116	2052
30 Million (Worst Case Input)	8430	8031
40 Million (Worst Case Input)	16401	17207
60 Million (Worst Case Input)	26547	23202
70 Million (Worst Case Input)	74382	72137
1 Million (Random & Some Distinct elements)	314	462
10 Million (Random & Some Distinct elements)	4801	5703
20 Million (Random & Some Distinct elements)	12696	13225
30 Million (Random & Some Distinct elements)	22943	23598

*Worst Case inputs are distinct and in descending order
*Random inputs are generated randomly and may have some similar input elements

Inference:

The average performance of the multi pivot sort is relatively better compared to single pivot sort from 10 Million onwards for worst case inputs but for random inputs the performance of single pivot sort is better than multi pivot sort.