PICKING PARAMETERS FOR AN UNBACKED GEL:

```
Jazz Movement   1.2
Prefill volume        100
Aspirate volume       100
Aspirate Flow         20
Dispense Volume       200
Dispense Flow         30
Lift            0.3
Rinse Volume          300
Rinse Stroke          1
```

These numbers were taken from a customer that had optimized the parameters. He went from 60% picking efficiency to 90% picking efficiency using these numbers. I need to stress:
THE 90% PICKING EFFICIENCY HAS NOT BEEN VALIDATED*

Things to try:
Because there is not backing the jazz movement could be changed to zero. This may provide increased picking efficiency. Also, the use of the lift option is not common. So you may want to try changing that to zero, too. Only change one parameter at a time, so if the efficiency drops, you will know what to attribute it to.
-Stacey Loyland, Amersham Biosciences, May, 2002.