

ANALYZER PRECISION – 3 MONTHS

| PARAMETER | MEAN | STANDARD DEV. |
|------------------|-------------|----------------------|
| RVP | 9.23 | 0.019 |
| RON | 92.51 | 0.029 |
| MON | 82.51 | 0.015 |
| ROAD | 87.49 | 0.025 |
| T (V/L) | 138.38 | 0.17 |
| IBP | 96.24 | 0.097 |
| T 10% | 126.75 | 0.22 |
| T 50% | 206.71 | 0.27 |
| T 90% | 326.15 | 0.18 |
| FBP | 405.80 | 0.32 |
| E200 | 46.48 | 0.10 |
| E300 | 81.52 | 0.073 |
| API | 55.96 | 0.048 |
| BENZENE | 2.23 | 0.0042 |
| AROMATIC | 35.32 | 0.026 |
| OLEFIN | 7.63 | 0.080 |
| DRIVEABILITY | 1137 | 1.22 |

Data obtained from an on-line Raman analyzer performance channel over three months using 6,670 predicted values.

