

| Time  | Actual AFR | Boost (PSI) | DI Fuel Press | Knock Retard | Mass Airflow | RPM (RPM) |
|-------|------------|-------------|---------------|--------------|--------------|-----------|
| 0     | 14.99      | 0.02        | 1651.92       | 0            | 36.68        | 2519      |
| 0.39  | 14.7       | 0.23        | 1649.02       | 0            | 36.16        | 2596      |
| 0.81  | 14.41      | 0.23        | 1675.13       | 0            | 39.6         | 2652      |
| 1.22  | 14.41      | 0.52        | 1682.38       | 0            | 42.08        | 2752      |
| 1.6   | 14.41      | 0.38        | 1686.73       | 0            | 41.25        | 2844      |
| 2     | 14.7       | 3.1         | 1644.67       | 0.35         | 41.8         | 2927      |
| 2.36  | 13.67      | 6.83        | 1689.63       | 0            | 68.79        | 3007      |
| 2.74  | 13.52      | 12.14       | 1682.38       | 0            | 96.44        | 3164      |
| 3.15  | 12.79      | 14.37       | 1649.02       | 0            | 126.97       | 3343      |
| 3.56  | 11.91      | 14.29       | 1699.78       | 0            | 128.09       | 3581      |
| 3.91  | 11.91      | 14.37       | 1731.69       | 0            | 137.37       | 3797      |
| 4.32  | 11.76      | 14.65       | 1718.64       | 0            | 145.23       | 4023      |
| 4.68  | 11.91      | 14.29       | 1701.23       | 0            | 154.66       | 4266      |
| 5.07  | 11.76      | 14.29       | 1662.07       | 0            | 157.23       | 4437      |
| 5.46  | 11.76      | 14.44       | 1682.38       | 0            | 168.54       | 4673      |
| 5.83  | 11.61      | 14.29       | 1644.67       | 0            | 171.97       | 4895      |
| 6.22  | 11.61      | 14.22       | 1701.23       | 0.7          | 176.14       | 5088      |
| 6.58  | 11.47      | 14.22       | 1662.07       | 0.7          | 181.79       | 5248      |
| 6.99  | 11.32      | 14.08       | 1682.38       | 0            | 185.38       | 5434      |
| 7.35  | 11.32      | 13.72       | 1676.58       | 0            | 189.03       | 5673      |
| 7.76  | 11.17      | 9.99        | 1669.33       | 0            | 189.76       | 5787      |
| 8.18  | 29.25      | -9.67       | 1634.52       | 0            | 8.72         | 5976      |
| 8.55  | 29.25      | -9.67       | 1672.23       | 0            | 2.64         | 5037      |
| 8.92  | 29.25      | -9.67       | 1692.53       | 0            | 2.39         | 4435      |
| 9.33  | 29.25      | -9.67       | 1707.03       | 0            | 2.99         | 3920      |
| 9.74  | 29.25      | -9.67       | 1717.19       | 0            | 3.07         | 3442      |
| 10.13 | 29.25      | -9.67       | 1728.79       | 0            | 2.99         | 3001      |
| 10.52 | 29.25      | -9.67       | 1738.94       | 0            | 2.99         | 2577      |
| 10.91 | 29.25      | -9.67       | 1749.09       | 0            | 2.95         | 2163      |
| 11.3  | 29.25      | -9.38       | 1756.35       | 0            | 3.21         | 1776      |
| 11.68 | 29.25      | -8.81       | 1709.93       | 0            | 3.89         | 1460      |
| 12.08 | 17.05      | -8.66       | 1598.26       | 0            | 3.78         | 1340      |
| 12.48 | 14.41      | -8.66       | 1490.94       | 0            | 4.36         | 1226      |
| 12.89 | 13.82      | -8.66       | 1419.87       | 0            | 3.89         | 1156      |
| 13.29 | 13.82      | -7.44       | 1319.8        | 0            | 6.99         | 1062      |
| 13.72 | 13.82      | -7.95       | 1200.87       | 0            | 4.42         | 1178      |
| 14.09 | 13.52      | -7.88       | 1087.74       | 0            | 4.42         | 1133      |
| 14.48 | 13.96      | -7.59       | 993.47        | 0            | 4.42         | 1090      |
| 14.87 | 14.41      | -7.66       | 900.65        | 0            | 4.12         | 1042      |
| 15.22 | 14.41      | -7.66       | 832.49        | 0            | 3.95         | 1017      |
| 15.59 | 14.26      | -7.59       | 745.47        | 0            | 4.12         | 1004      |
| 15.96 | 14.26      | -7.59       | 652.65        | 0            | 3.95         | 997       |

|       |       |       |        |   |      |     |
|-------|-------|-------|--------|---|------|-----|
| 16.38 | 14.41 | -7.59 | 601.89 | 0 | 3.95 | 984 |
| 16.76 | 14.55 | -7.66 | 519.22 | 0 | 3.89 | 970 |
| 17.14 | 14.41 | -7.73 | 442.35 | 0 | 3.83 | 963 |
| 17.53 | 14.55 | -7.59 | 414.79 | 0 | 3.83 | 941 |
| 17.91 | 14.41 | -7.66 | 417.69 | 0 | 3.83 | 921 |
| 18.31 | 14.55 | -7.66 | 417.69 | 0 | 3.63 | 905 |
| 18.72 | 14.55 | -7.52 | 417.69 | 0 | 3.63 | 892 |
| 19.11 | 14.41 | -7.44 | 420.59 | 0 | 3.78 | 877 |
| 19.5  | 14.41 | -7.52 | 417.69 | 0 | 3.53 | 859 |
| 19.88 | 14.55 | -7.37 | 420.59 | 0 | 3.63 | 851 |

Spark Adv. (° Throttle Posi Vehicle Spee Wastegate Duty (%)

|      |       |       |       |
|------|-------|-------|-------|
| 24.5 | 19.5  | 31.07 | 0.27  |
| 24.5 | 19.89 | 32.31 | 0.28  |
| 24   | 19.5  | 32.93 | 0.29  |
| 33   | 19.89 | 34.18 | 0.28  |
| 33.5 | 19.89 | 35.42 | 0.26  |
| 33.5 | 19.89 | 36.66 | 68.38 |
| 11.5 | 70.59 | 37.28 | 73.96 |
| 7    | 70.98 | 39.77 | 61.02 |
| 3.5  | 71.37 | 41.63 | 61.18 |
| 6    | 72.15 | 44.74 | 62.03 |
| 7    | 72.93 | 47.85 | 66.66 |
| 8.5  | 74.1  | 49.71 | 67.3  |
| 9.5  | 74.1  | 53.44 | 69.06 |
| 10.5 | 74.49 | 55.3  | 73.22 |
| 11   | 74.49 | 58.41 | 77.34 |
| 12   | 74.88 | 60.89 | 81.66 |
| 12.5 | 74.88 | 62.76 | 85.57 |
| 12   | 75.27 | 65.24 | 90.11 |
| 13   | 75.27 | 67.11 | 91.22 |
| 13   | 75.66 | 69.59 | 92.43 |
| 13   | 75.66 | 71.46 | 0.21  |
| 37   | 5.85  | 72.7  | 0.2   |
| 50   | 3.12  | 72.7  | 0.19  |
| 53   | 3.12  | 72.08 | 0.31  |
| 52   | 3.51  | 71.46 | 0.28  |
| 47.5 | 3.51  | 70.21 | 0.22  |
| 44.5 | 3.51  | 68.97 | 0.24  |
| 43.5 | 3.9   | 68.35 | 0.25  |
| 34   | 3.9   | 67.11 | 0.28  |
| 17   | 3.9   | 65.87 | 0.32  |
| 2.5  | 4.29  | 64.62 | 0.27  |
| 2    | 4.29  | 63.38 | 0.19  |
| 2    | 4.68  | 62.76 | 0.18  |
| 2.5  | 4.68  | 61.52 | 0.19  |
| 3.5  | 6.63  | 59.65 | 0.26  |
| 10   | 5.07  | 58.41 | 0.37  |
| 9    | 5.07  | 57.79 | 0.3   |
| 8.5  | 5.07  | 56.54 | 0.21  |
| 10   | 4.68  | 55.92 | 0.21  |
| 10   | 4.68  | 55.3  | 0.22  |
| 10   | 4.68  | 54.68 | 0.23  |
| 10   | 4.68  | 54.06 | 0.23  |

|    |      |       |      |
|----|------|-------|------|
| 10 | 4.68 | 53.44 | 0.18 |
| 10 | 4.68 | 53.44 | 0.22 |
| 10 | 4.29 | 52.82 | 0.25 |
| 10 | 4.29 | 52.82 | 0.24 |
| 10 | 4.29 | 52.2  | 0.24 |
| 10 | 4.29 | 52.2  | 0.24 |
| 10 | 4.29 | 51.57 | 0.24 |
| 10 | 4.29 | 51.57 | 0.25 |
| 10 | 4.29 | 50.95 | 0.24 |
| 10 | 4.29 | 50.95 | 0.23 |