**Tabel 1.** Parameter Pengujian Emisi Gas pada Mesin KE - VE

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Bahan Bakar** | | **RPM** | **CO2 (%)** | **CO (%)** | **O2 (%)** | **HC (ppm)** | **Lamda** |
| **Pertxxx** | **Shxxx Super** |
| 1. | 100 % | 0 % | 750 | - | - | - | - | - |
| 1500 | - | - | - | - | - |
| 2500 | - | - | - | - | - |
| 2. | 75 % | 25 % | 750 | - | - | - | - | - |
| 1500 | - | - | - | - | - |
| 2500 | - | - | - | - | - |
| 3. | 50 % | 50 % | 750 | - | - | - | - | - |
| 1500 | - | - | - | - | - |
| 2500 | - | - | - | - | - |
| 4. | 25 % | 75 % | 750 | - | - | - | - | - |
| 1500 | - | - | - | - | - |
| 2500 | - | - | - | - | - |
| 5. | 0 % | 100 % | 750 | - | - | - | - | - |
| 1500 | - | - | - | - | - |
| 2500 | - | - | - | - | - |

**Tabel 2.** Hasil CO2 Pengujian Emisi Gas pada Mesin KE - VE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Bahan Bakar** | | **RPM** | **CO2 (%)** |
| **Pertxxx** | **Shxxx Super** |
| 1. | 100 % | 0 % | 750 | 13.1 |
| 1500 | 13.0 |
| 2500 | 13.1 |
| 2. | 75 % | 25 % | 750 | 13.4 |
| 1500 | 13.3 |
| 2500 | 13.0 |
| 3. | 50 % | 50 % | 750 | 12.7 |
| 1500 | 12.7 |
| 2500 | 13.4 |
| 4. | 25 % | 75 % | 750 | 12.5 |
| 1500 | 12.9 |
| 2500 | 13.6 |
| 5. | 0 % | 100 % | 750 | 12.7 |
| 1500 | 13.4 |
| 2500 | 13.5 |

**Tabel 3.** Hasil Hasil CO Pengujian Emisi Gas pada Mesin KE - VE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Bahan Bakar** | | **RPM** | **CO (%)** |
| **Pertxxx** | **Shxxx Super** |
| 1. | 100 % | 0 % | 750 | 0 |
| 1500 | 0.08 |
| 2500 | 0.06 |
| 2. | 75 % | 25 % | 750 | 0 |
| 1500 | 0 |
| 2500 | 0.09 |
| 3. | 50 % | 50 % | 750 | 0.82 |
| 1500 | 0.74 |
| 2500 | 0.04 |
| 4. | 25 % | 75 % | 750 | 1.04 |
| 1500 | 0.71 |
| 2500 | 0 |
| 5. | 0 % | 100 % | 750 | 0.55 |
| 1500 | 0.05 |
| 2500 | 0 |

**Tabel 4.** Hasil Hasil O2 Pengujian Emisi Gas pada Mesin Toyota KE - VE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Bahan Bakar** | | **RPM** | **O2 (%)** |
| **Pertxxx** | **Shxxx Super** |
| 1. | 100 % | 0 % | 750 | 0.08 |
| 1500 | 0.11 |
| 2500 | 0.01 |
| 2. | 75 % | 25 % | 750 | 0.02 |
| 1500 | 0.02 |
| 2500 | 0.10 |
| 3. | 50 % | 50 % | 750 | 0.07 |
| 1500 | 0.07 |
| 2500 | 0.11 |
| 4. | 25 % | 75 % | 750 | 0.12 |
| 1500 | 0.06 |
| 2500 | 0.06 |
| 5. | 0 % | 100 % | 750 | 0.01 |
| 1500 | 0.04 |
| 2500 | 0.04 |

**Tabel 5.** Hasil Hasil HC Pengujian Emisi Gas pada Mesin KE - VE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Bahan Bakar** | | **RPM** | **HC (ppm)** |
| **Pertxxx** | **Shxxx Super** |
| 1. | 100 % | 0 % | 750 | 55 |
| 1500 | 129 |
| 2500 | 129 |
| 2. | 75 % | 25 % | 750 | 86 |
| 1500 | 81 |
| 2500 | 0 |
| 3. | 50 % | 50 % | 750 | 199 |
| 1500 | 195 |
| 2500 | 0 |
| 4. | 25 % | 75 % | 750 | 291 |
| 1500 | 291 |
| 2500 | 86 |
| 5. | 0 % | 100 % | 750 | 273 |
| 1500 | 149 |
| 2500 | 116 |

**Tabel 6.** Hasil Hasil Lamda Pengujian Emisi Gas pada Mesin KE - VE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Bahan Bakar** | | **RPM** | **Lamda** |
| **Pertxxx** | **Shxxx Super** |
| 1. | 100 % | 0 % | 750 | 1.001 |
| 1500 | 0.997 |
| 2500 | 0.992 |
| 2. | 75 % | 25 % | 750 | 0.997 |
| 1500 | 0.997 |
| 2500 | 1.002 |
| 3. | 50 % | 50 % | 750 | 0.968 |
| 1500 | 0.971 |
| 2500 | 1.004 |
| 4. | 25 % | 75 % | 750 | 0.960 |
| 1500 | 0.967 |
| 2500 | 0.999 |
| 5. | 0 % | 100 % | 750 | 0.970 |
| 1500 | 0.993 |
| 2500 | 0.996 |