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| ***Engine Test [3ER03184]***  | ***October 31, 2016*** |
|  | **For Help Desk Phone Numbers** [Click here](https://tmiwebclassic.cat.com/tmi/tmihome/TMIContactInfo.htm)  |

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| **Sales Model:** 3406  |   |   |   |
| **Built Date:** 07Jul1998 | **Tested Date:** 07Jul1998 | **Shipped Date:** 10Jul1998 |  |
| **Tested:** BB | **Plant:** Mossville | **Cell Number:** 12  |  |

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| --- | --- | --- | --- | --- |
| **Test Element** | **Eng Updates** | **Test Value** | **Test Spec Value** | **Measure** |
| Spec Number | 2T8113  | 2T8113 | 2T8113 |   |
| Arrangement Number |  | 1309217 | 1309217 |   |
| Corr Fl Power |  | 495  | 500 | HP Horsepower |
| Speed |  | 2,100 | 2,100 | RPM Revolutions per Minute |
| COR FL FUEL RATE |  | 24.9  | 25.4 | GAL/HR Gallon per Hour |
| CSFC |  | 0.356 | 0.360 | LB/HP-HR Pounds per Horsepower per Hour |
| Adj Boost |  | 53.8  | 53.4 | IN HG |
| Fuel Pressure |  | 27 | 32 | PSI Pounds per Square Inch |
| Oil Pressure |  | 55 | 56 | PSI Pounds per Square Inch |
| TQ COR FUEL RATE |  | 20.1  | 19.7 | GAL/HR |
| TQ CK CSFC |  | 0.348 | 0.339 | LB/HP-HR |
| TQ CK ADJ BST |  | 41.2 | 42.0 | IN HG |
| Torq Ck Speed |  | 1,402 | 1,400 | RPM |
| TQ CK COR TQ |  | 1,533  | 1,600 | LB.FT |
| Low Idle Speed |  | 752 | 750 | RPM |
| Low Idle Oil Pressure |  | 29 | 30 | PSI |
| High Idle Speed |  | 2,262 | 2,263 | RPM |
| Response Time |  | 3.9 | 3.7 | SEC |
| FL Static Fuel Setting |  | 0.123 | 0.123 | IN |
| FT Static Fuel Setting |  | 0.144 | 0.144 | IN INLET/Inch |
| Timing Dim |  |  |  |  |
| FLS (INTRCPT) |  |  |  |   |
| FTS (SLOPE) |  |  |  |   |
| Advertised Power |   |   | 500 | hp |
| Advertised Speed |   |   | 2,100 | RPM |
| Advertised Torque |   |   |  | LB.FT |
| Adjusted Boost (Gas Blending) |   |  |  | HG |
| Corrected Fuel Rate - Gas (Gas Blending) |   |  |  | BTU/MIN |
| Corrected Fuel Rate - Diesel (Gas Blending) |   |  |  | GAL/HR |
| Full Load Fueling (Gas Blending) |   |  |  | MM3/ST |
| Gas Substitution Ratio (Gas Blending) |   |  |  | % |
| Corr Full Load Power (Gas Blending) |   |  |  | HP |
| Full Load Speed (Gas Blending) |   |  |  | RPM |
| Exhaust Back Pressure |   |  |  | PSI |
| TQ CK Exhaust Back Pressure |   |  |  | PSI |
| Ataac Delta Pressure |   |  |  |  |