

Table 6-4. Fuel System Adjustment Values

Idle and FULL POWER Fuel Pressures and Flows						
Engine ¹	Prop. RPM	Manifold Absolute Pressure (MAP)	Unmetered Pump PSI ²	Metered Nozzle PSI ³	Fuel (lbs/hr) ⁴	Fuel (gal/hr) ⁴
TSIO-520-BE	600 2600	- 38.0	5.5 - 7.0 25.0 - 28.0	- 12.7 - 14.1	- 214 - 224	- 36.5 - 38.2
TSIO-520-C, H	600 2700	- 32.5	5.5 - 7.0 29.0 - 32.0	- 15.3 - 17.2	- 160 - 170	- 27.3 - 29.0
TSIO-520-CE	600 2700	- 37.0	5.5 - 6.5 33.0 - 36.0	- 16.2 - 18.0	- 215 - 225	- 36.6 - 38.3
TSIO-520-D, DB	600 2700	- 32.5	5.5 - 7.0 29.0 - 32.0	- 13.3 - 15.1	- 160 - 170	- 27.3 - 29.0
TSIO-520-E, EB	600 2700	- 34.5	5.5 - 6.5 31.0 - 34.0	- 15.6 - 17.7	- 175 - 185	- 29.8 - 31.5
TSIO-520-G	600 2700	- 35.0	5.5 - 6.5 31.0 - 34.0	- 15.8 - 17.6	- 181 - 191	- 30.8 - 32.5
TSIO-520-J, JB	600 2700	- 36.0	5.5 - 6.5 31.0 - 34.0	- 16.9 - 18.7	- 170 - 178	- 29.0 - 30.3
TSIO-520-K, KB	600 2700	- 33.0	5.5 - 7.0 29.0 - 32.0	- 15.1 - 17.4	- 163 - 175	- 27.8 - 29.8
TSIO-520-L, LB	600 2700	- 38.0	25 Minimum 45.0 - 55.0	MFG ¹⁰	- 180 - 190	- 30.7 - 32.4
TSIO-520-M, R	600 2700	- 36.5	5.5 - 6.5 33.0 - 37.0	- 16.9 - 19.9	- 170 - 186	- 29.0 - 31.7
TSIO-520-N, NB	600 2700	- 38.0	5.5 - 6.5 32.0 - 35.0	- 16.9 - 19.9	- 170 - 186	- 28.9 - 31.7
TSIO-520-P	600 2700	- 36.5	5.5 - 6.5 33.0 - 37.0	- 18.4 - 19.9	- 180 - 186	- 30.7 - 31.7
TSIO-520-T	600 2700	- 39.5	5.5 - 6.5 33.0 - 37.0	- 16.3 - 18.1	- 185 - 195	- 31.5 - 33.2
TSIO-520-UB	600 2700	- 36.0	5.5 - 6.5 33.0 - 37.0	- 14.4 - 16.0	- 195 - 205	- 33.2 - 34.9
TSIO-520-VB	600 2700	- 40.5	5.6 - 6.5 36.0 - 39.5	- 16.9 - 18.7	- 200 - 210	- 34.1 - 35.8
TSIO-520-WB	600 2700	- 39.5	25 Minimum 45.0 - 55.0	- MFG ¹¹	- 190 - 200	- 32.4 - 34.1
GTSIO-520-C	525 2400	- 34.5	4.0 - 7.0 30.0 - 33.0	- 16.5 - 17.5	- 215 - 225	- 36.6 - 38.3
GTSIO-520-D, H	467 2267	- 39.5	4.0 - 7.0 30.5 - 35.0	- 15.7 - 17.3	- 250 - 260	- 42.6 - 44.3
GTSIO-520-F, K ¹¹	600 2267	- 44.5	6.75 - 7.25 38.0 - 41.0	- 17.4 - 18.8	- 300 - 310	- 51.1 - 52.8
GTSIO-520-L, N ¹¹ GTSIO-520-M	467 2234	39.0 40.0	4.0 - 7.0 29.5 - 35.0	- 16.4 - 17.9	- 255 - 265	- 43.4 - 45.1
GTSIO-520-S	467 2233	- 38.0	5.0 - 6.0 29.5 - 35.0	- 16.3 - 17.2	- 250 - 260	- 42.6 - 44.3
GIO-550-A	600 2267	-	25 Minimum 45 - 55	- MFG ¹¹	- 175 - 185	- 29.8 - 31.5
IO-550-A ⁶	600 2700	- -	8.0 -10.0 32.0 - 36.0	- 17.7 -20.0	- 142 - 150	- 24.2 - 25.6
IO-550-B ⁶	600 2700	- -	8.0 -10.0 29.2 - 36.2	- 16.5 - 18.4	- 146 - 156	- 24.9 - 26.6