

Tailpipe Emission Concentration

Carbon Monoxide figures shown are in parts per million

Loader Model (Engine Manufacturer)	Engine Load	PPM without Purifier	PPM with Purifier
S70 (S/N A3W611001 and above) (Tier 4)	Idle, no load	60	60
	Full Throttle, 50% load	101	13
	Full Throttle, 70% load	99	11
S100 (S/N AB6411001 and above) (Int. Tier 4)	Idle, no load	69	61
	Full Throttle, 50% load	119	10
	Full Throttle, 70% load	117	11
S130, S150, S175 (S/N A3KY11001 and above) (S/N A3L111001 and above) (S/N A3L511001 and above) (Int. Tier 4)	Idle, no load	176	175
	Full Throttle, 50% load	186	90
	Full Throttle, 70% load	176	92
S160, S185 (S/N A3L311001 and above) (S/N A3L911001 and above) (Int. Tier 4)	Idle, no load	215	209
	Full Throttle, 50% load	187	35
	Full Throttle, 70% load	169	35
S205 (S/N A3LJ11001 and above) (Int. Tier 4)	Idle, no load	146	131
	Full Throttle, 50% load	128	30
	Full Throttle, 70% load	130	32
S630, S650 (S/N A3NT11001 and above) (S/N A3NV11001 and above) (Int. Tier 4)	Idle, no load	79	79
	Full Throttle, 50% load	85	14
	Full Throttle, 70% load	114	28
S220, S250 (S/N A5GK11001 and above) (S/N A5GM11001 and above) (Tier 3)	Idle, no load	200	191
	Full Throttle, 50% load	162	52
	Full Throttle, 70% load	133	49
S300 (S/N A5GP11001 and above) (Tier 3)	Idle, no load	176	170
	Full Throttle, 50% load	158	46
	Full Throttle, 70% load	129	42
S330 (S/N A5HA11001 and above) (Tier 3)	Idle, no load	220	204
	Full Throttle, 50% load	159	46
	Full Throttle, 70% load	128	42

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T110 (S/N AE0H11001 and above) (Int. Tier 4)	Idle, no load	151	150
	Full Throttle, 50% load	214	23
	Full Throttle, 70% load	224	24
T140 (S/N A3L711001 and above) (Int. Tier 4)	Idle, no load	176	175
	Full Throttle, 50% load	186	90
	Full Throttle, 70% load	176	92
T180, T190 (S/N A3LL11001 and above) (S/N A3LN11001 and above) (Int. Tier 4)	Idle, no load	146	131
	Full Throttle, 50% load	128	30
	Full Throttle, 70% load	130	32
T630, T650 (S/N A7PU11001 and above) (S/N A3PO11001 and above) (Int. Tier 4)	Idle, no load	79	79
	Full Throttle, 50% load	85	14
	Full Throttle, 70% load	114	28
T250, T300 (S/N A5GS11001 and above) (S/N A5GU11001 and above) (Tier 3)	Idle, no load	176	170
	Full Throttle, 50% load	158	46
	Full Throttle, 70% load	129	42
T320 (S/N A7MP11001 and above) (Tier 2)	Idle, no load	135	134
	Full Throttle, 50% load	123	18
	Full Throttle, 70% load	125	21
A300 (S/N A5GW11001 and above) (Tier 3)	Idle, no load	176	170
	Full Throttle, 50% load	158	46
	Full Throttle, 70% load	129	42
MT52 (S/N A3WR11001 and above) (Tier 4)	Idle, no load	121	108
	Full Throttle, no load	327	34
	Full Throttle, 70% load	96	7
MT55 (S/N A3WT11001 and above) (Tier 4)	Idle, no load	71	71
	Full Throttle, no load	418	69
	Full Throttle, 70% load	104	13

* INA - Information not available