

OPERATING CONDITIONS (CONT.)

O-235-N, -P Series

Operation	RPM	HP	Fuel Cons. Gal./Hr.	Max. Oil Cons. Qts./Hr.	Max. Cyl. Head Temp.
Take-Off	2800	116	----	----	500°F (260°C)
Normal Rated	2550	108	9.2	0.36	500°F (260°C)
Performance Cruise (75% Rated)	2300	81	6.2	0.27	500°F (260°C)
Economy Cruise (65% Rated)	2200	70	5.3	0.23	500°F (260°C)

O-290-D Series

Operation	RPM	HP	Fuel Cons. Gal./Hr.	Max. Oil Cons. Qts./Hr.	*Max. Cyl. Head Temp.
Take-Off	2800	130	----	----	500°F (260°C)
Normal Rated	2600	125	11.9	0.56	500°F (260°C)
Performance Cruise (75% Rated)	2350	94	7.5	0.31	500°F (260°C)
Economy Cruise (65% Rated)	2250	81	6.5	0.27	500°F (260°C)

O-290-D2 Series

Operation	RPM	HP	Fuel Cons. Gal./Hr.	Max. Oil Cons. Qts./Hr.	*Max. Cyl. Head Temp.
Take-Off	2800	140	----	----	500°F (260°C)
Normal Rated	2600	135	12.6	0.60	500°F (260°C)
Performance Cruise (75% Rated)	2350	101	7.2	0.34	500°F (260°C)
Economy Cruise (65% Rated)	2200	87	6.3	0.29	500°F (260°C)

* - At Bayonet Location – For maximum service life of the engine, maintain cylinder head temperatures between 150°F (65°C) and 400°F (204°C) during continuous operation.