

SPECIFICATIONS 1GR-FE COOLING SERVICE DATA

COOLANT

Item	Specified Condition	Classification
w/o Heater	10.1 liters (10.7 US qts, 8.9 Imp. qts)	"TOYOTA Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, non-borate coolant with long-life hybrid organic acid technology
w/ Heater	10.9 liters (11.5 US qts, 9.6 Imp. qts)	

THERMOSTAT

Thermostat	Valve opening temperature	Standard	80 to 84 °C (176 to 183 °F)
	Valve lift	Standard	8.0 mm (0.315 in.) or more at 95 °C (203 °F)

RADIATOR

Radiator cap	Judgment criterion	Standard (for brand-new cap)	93 to 123 kPa (0.9 to 1.3 kgf/cm ² , 13.5 to 18 psi)
		Minimum (after using cap)	79 kPa (0.8 kgf/cm ² , 11.4 psi)