

COOLING SYSTEM

Specifications

Engine coolant capacity		See page A-2
Thermostat	Valve opening temperature	86 – 90°C 187 – 194°F
	Valve lift at 100°C (212°F)	10 mm (0.39 in.) or more
Radiator	Relief valve opening pressure STD	74 – 103 kPa (0.75 – 1.05 kgf/cm ² , 10.7 – 14.9 psi)
	Limit	59 kPa 0.6 kgf/cm ² 8.5 psi

Torque Specifications

Part tightened	N·m	kgf·cm	ft·lbf
Drain plug	44	450	33
Water pump x Cylinder block	37	380	27
Water outlet x Water outlet housing	18	185	13

LUBRICATION SYSTEM

Specifications

Engine oil capacity		See page A-2
Oil pressure	at Idle at 4,000 rpm	29 kPa (0.3 kgf/cm ² , 4.3 psi) or more 245 – 490 kPa (2.5 – 5.0 kgf/cm ² , 36 – 71 psi)
Oil pump	Body clearance STD	0.095 – 0.175 mm 0.0037 – 0.0069 in.
	Limit	0.20 mm 0.0079 in.
	Gear side clearance STD	0.030 – 0.090 mm 0.0012 – 0.0035 in.
	Limit	0.15 mm 0.0059 in.
	Gear backlash STD	0.500 – 0.600 mm 0.0197 – 0.0236 in.
	Limit	0.95 mm 0.0374 in.

Torque Specifications

Part tightened	N·m	kgf·cm	ft·lbf
Engine oil drain plug	39	400	29
Oil pump strainer x Oil pump body	10	100	7
Relief valve plug x Oil pump strainer	44	450	33
Oil pump x Cylinder block	18	180	13
Oil outlet pipe	44	450	33
Oil pan x Cylinder block	7.8	80	69 in.·lbf
Oil filter bracket x Cylinder block	18	185	13
Relief valve x Oil filter bracket	25	250	18
Oil cooler	64	650	47