

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	0.75 – 1.05 kg / cm ² (10.7 – 14.9 psi, 74 – 103 kPa)	
		Limit	0.6 kg / cm ²	8.5 psi 59 kPa

Torque Specifications

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

LUBRICATION SYSTEM

Specifications

Engine oil capacity		See page A-2		
Oil pressure		at Idle at 4,000 rpm	0.3 kg / cm ² (4.3 psi, 29 kPa) or more	
			2.5 – 5.0 kg / cm ² (36 – 71 psi, 245 – 490 kPa)	
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	kg-cm	ft-lb	N-m
Engine oil drain plug	400	29	39
Oil pump strainer x Oil pump body	100	7	10
Relief valve plug x Oil pump strainer	450	33	44
Oil pump x Cylinder block	180	13	18
Oil outlet pipe	450	33	44
Oil pan x Cylinder block	80	69 in.-lb	7.8
Oil filter bracket x Cylinder block	185	13	18
Relief valve x Oil filter bracket	250	18	25
Oil cooler	650	47	64