

Items			Specification	
			J2	JT, JTA
Engine			Diesel, 4-Cycles	
Number and arrangement of cylinder			4-Cylinder in-line, Longitudinal	
Combustion chamber type			Swirl	
Total displacement			2665cc	2957cc
Cylinder bore X stroke			94.5 × 95.0mm (3.7205 × 3.7402in)	98 × 98mm (3.8583 × 3.8583in)
Compression ratio			21.5	22
Compress pressure			30kg/cm ² -200rpm	
Valve timing	Intake	Opening	BTDC 12°	BTDC 19°
		Closing	ABDC 40°	ABDC 47°
	Exhaust	Opening	BBDC 50°	BBDC 52°
		Closing	ATDC 12°	ATDC 14°
Valve clearance	Intake	0.30mm (0.012in) (engine cold condition)		
	Exhaust	0.38mm (0.015in) (engine cold condition)		
Idle speed	AT	700~750rpm	700~750rpm	
	MT	750~790rpm	700~750rpm	
Injection timing (static)			ATDC 7°	
Firing order			1-3-4-2	

Lubrication system

Item			Specification	
			J2	JT, JTA
Lubrication system			Force-fed by gear pump	
Total oil quantity			7.4ℓ (7.8US qt, 6.5lmp qt)	7.9ℓ (8.3US qt, 6.9lmp qt)
Oil quantity in oil pan ('F' position)			5.7ℓ (6.0US qt, 5.0lmp qt)	6.2ℓ (6.5US qt, 5.4lmp qt)
Force-fed pressure			353~432kPa (3.6~4.4kg/cm ² , 51~63psi) - 3000rpm	
Oil pump			Trochoid type	
Oil filter body	Regulating valve opens at		392kPa (4.0kg/cm ² , 57psi)	
	Oil filter relief valve opens at		98kPa (1.0kg/cm ² , 14psi)	
	Oil cooler relief valve opens at		128kPa (1.3kg/cm ² , 18psi)	
Oil filter			Full-flow, paper element	
Oil cooler			Built-in water cooled multi-plates type	
Warning light operating pressure			29kPa (0.3kg/cm ² , 4.3psi)	
Engine			API Service CF-4 or CG-4 SAE 5W-30 (-25°C~30°C) SAE 10W-30 (-20°C~30°C) SAE 20W-20 (-10°C~20°C) SAE 30 (0°C~30°C) SAE 40 (0°C~40°C) SAE 15W-40 (-15°C~40°C)	

Cooling system

Items		Specification
Thermostat	Type	Wax type

Items		Specification
Thermostat	Type	Wax type
	Initial opening temperature	80.5~83.5°C (176.9~182.3°F)
	Full-open temperature	95°C (203°F)
	Full-open lift	above 8.5mm (0.33in)
Coolant capacity	With heater	9.5ℓ (10.0qt)
	Without heater	8.5ℓ (9.0qt)

Intake and exhaust system

Items		Specification
Air cleaner	Type	Paper Element
Accelerator cable	Deflection	1~3mm (0.04~0.12in)