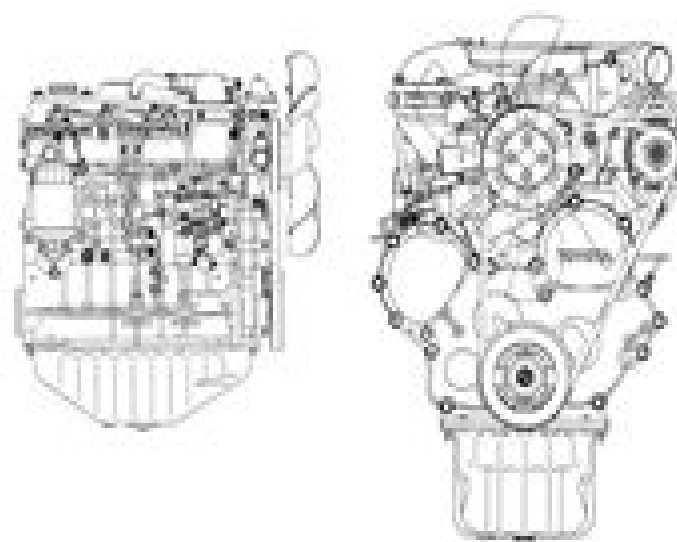
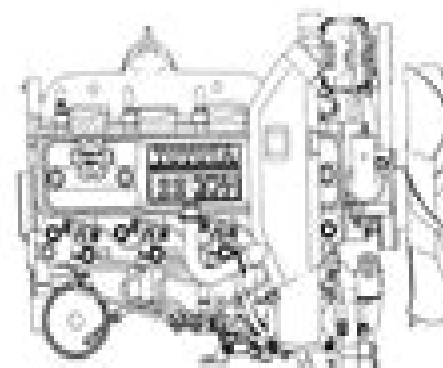


SPECIFICATIONS

Engine model		22
Type		Diesel
Cyls		4
Number of cylinders and arrangement		In-line 4 cylinders, vertical
Injection order		1 - 3 - 4 - 2
Starting method		Positive crank or self starter
Combustion chamber type		Direct injection
Valve mechanism		Over drive, OHV
Bore x stroke	mm (in.)	86.0 x 116.0 (3.386 x 4.570)
Piston displacement	cc (in. cu)	3488 (211.88)
Compression ratio		18.0
Compression pressure	kg/cm ² (psi) rpm	22.0 (32) (440) (240)
Rated output	PS/rpm	66 (440)
Maximum torque	kg-m (kg-m) (ft-lb) rpm	218 (22.5) (160) (1600)
No-load static maximum speed	rpm	See the repair manual for each model
Idling speed	rpm	See the repair manual for each model
Number of piston rings	Compression rings	2
	Oil ring	1
Intake valve opening & closing timing	Open	BTDC 14°
	Close	ABDC 26°
Exhaust valve opening and closing timing	Open	BBDC 52°
	Close	ATDC 14°
Ignition system		Compression ignition
Injection timing		8° before BTDC
Oil pump type		Trickfeed pump
Oil filter type		Paper filter
Engine oil amount	Oil pan capacity	8.0 (2.11)
	Total capacity	9.0 (2.38)

ENGINE EXTERIOR VIEWS

Until July 1993



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E Durkheim



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