



ENGINE GENERAL SPECIFICATIONS

- Lovol heavy-duty diesel engine
- Three cylinder, water cooled, turbocharged
- 12v DC starter and charge alternator
- Replaceable fuel filter, oil filter, dry element air filter
- Cooling radiator and fan

*All ratings are quoted at maximum ratings at sea level and derating will be applicable for altitude and power factor

- Fuel connection hoses and manual sump oil drain valve
- Lovol engine manual
- In-line fuel injection pump

ENGINE SPECIFICATIONS

Engine make	Lovol	Fuel consumption 100%	11.63 l/h
Engine model	1003TG	Fuel consumption 75%	8.68 l/h
Displacement	3.99l	Fuel consumption 50%	6 l/h
Cylinder bore/Stroke	100mm x 127mm	Fuel consumption 25%	3.51 l/h
Fuel system	In-line fuel injection pump	Oil type	15W40
Cylinders	3	Oil capacity	8.1l
Cylinder arrangement	Vertical in-line	Cooling method	Radiator water-cooled
Engine output power	44kW	Coolant capacity (including radiator)	15.9l
Turbocharged or normally aspirated	Turbocharged	Starter	12v DC
Cycle	Four stroke	Governor system	Mechanical
Combustion system	Direct injection	Engine speed	1500rpm
Compression ratio	17.5:1		