

Service schedule (stand-by duty engines)

The procedures indicated in the service schedule require reference to the following publications:

- User's Handbook - TSL 4186E (UH)
- Workshop Manual - TSL 4165E (WM)

This maintenance procedure is for engines used less than 400 hours in every 12 months.

A - Monthly

B - 3 Months

C - Every 500 hours or 6 months

D - Every 1000 hours or 12 months

A	B	C	D	Operation	Manual
●				Check the amount of coolant	UH
●				Check the lubricating oil level	UH
●				Check the restriction indicators for the air filters, and when necessary renew the filter elements	UH
	●			Start and run the engine on load until normal temperature of operation is reached	UH
●				Drain any water/sediment from the primary fuel filter	UH
			●	Check the condition and the tension of all drive belts	UH
			●	Check the specific gravity and the pH value of the coolant	UH
		●		Renew the lubricating oil and filter	UH
			●	Check radiator air restriction (visual)	UH
		●		Clean centrifugal oil filter	UH
		●		Renew the canister of the main fuel filter	UH
			●	Ensure that the fuel injectors are checked and corrected or renewed, if necessary	WM
			●	Equalise bridge pieces and check valve clearances	UH
			●	Clean and set magnetic pickup in flywheel housing	WM

Note: All bolts, hose clips, terminal connections, pipes and joints must be checked for tightness and leaks every 3 months.

Light load and stand-by generating sets

Engines operating on a load of less than 25-30% of rated output should be run on no load for 10 minutes weekly and once a year using a variable 'dummy load', building up gradually from zero to maximum over a four hour run, to burn off accumulations of carbon in the engine and exhaust system.

Warning! Failure to follow the instructions above can result in engine damage, and will invalidate the engines warranty.