


11.0 Points of Maintenance

Check = ● Adjust = ○ Clean = ▲ Replace = ■								
ROUTINE MAINTENANCE & SERVICE INTERVALS								
Service Item	Running Hours						Notes	Section
	Daily	After first 50 Hrs.	Every 250 Hrs.	Every 500 Hrs.	Every 1000 Hrs.	Every 3000 Hrs.		
Walk around inspection	●	●						
Valve clearance					○		1	11.7
Lube Oil	Oil level	●						
	Lube oil		■		■		2, 7	11.2
	Oil filter		■		■		2	
Fuel System	Fuel level	●						
	Drain water & sediment	●						
	Fuel filters					■	2	11.3
	Injection Nozzles						1	
Cooling System & CAC	Coolant level	●						
	Coolant						6	11.5
	Clamps & hose conn.		●		●		3	
	Radiator fins			▲				
	Fan belt tension		○		○		6	11.8
	Cooling air intake filter	▲						11.5
Air Cleaner	Foam sealing strips					●		11.5
	Restriction indicator	●					9	
	Clamps & connectors				●		3	11.4
	Filter elements				●		2, 9	
	Precleaner				▲			
Electrical System	Wiring & AC load cables		●		●		3, 4	7.0, 8.0
	Starter, alternator					●	3, 4, 5	
	Check meters, gauges & switches			●			3, 4, 5	5.0
	Engine protection monitoring devices				●		5	5.0
Misc.	Mounting hardware & engine mounts				●		3	
	Exhaust and turbo blankets					●	3	
Engine Overhaul							1, 8	


Figure 11.1.1

**NOTES:**

1. Have this service performed by an authorized Deutz service dealer.
2. If engine runs fewer hours during the year than what is stated in this table perform this maintenance at least once a year.
3. Check hardware & connections for tightness.
4. Check for cracked or broken wires.
5. Check for proper operation.
6. Replace every 2 years.
7. See Section 9.1 for lube oil grade/quality.
8. Recommended to perform this service every 13,000 operating hours.
9. Maintain Air filter according to Restriction Indicator.



**Warning!** Scheduled maintenance intervals apply only for normal engine utilization and at normal environmental conditions. When utilization or environmental conditions become particularly severe, schedule maintenance intervals must be reduced accordingly.



**Warning!** Stop engine before attempting any kind of service! Be sure the Master Control Switch Item #4 Figure 5.2.1 is in the OFF position. This will prevent the genset from being started.