

**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 50 Hrs.	Every 250 Hrs.	Every 500 Hrs.	Every 1000 Hrs.		
Walk around inspection	●							
Valve clearance		●				○	1	11.6
Lube Oil	Oil level	●						11.2
	Lube oil		■			■	2, 7	
	Oil filter		■			■	2	
Fuel System	Fuel level	●						11.3
	Fuel filter					■		
	Injector Nozzles					●	1, 6	
Cooling System Oil Cooled	Hose connections		●			●		11.7
	Radiator fins				▲			
	Rubber seals around heat exchanger					●		
Air Cleaner	Hose clamps & connectors		●			●	3	11.4
	Filter elements	●					2	
Electrical System	Wiring & AC load cables		●			●	3, 4	7.0, 8.0
	Alternator v-belt tension		○			○		11.5
	Starter, alternator						●	4, 5
	Engine protection & monitoring devices					●	5	5.0
Misc.	Mounting hardware & engine mounts					●	3	
	Exhaust wrap					●	3	

12331 routine maintenance.xls


**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. Check once every 3000 hours.
7. Use API Grade CF-4 or better.



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



**Warning!** *Stop engine before attempting any kind of service! Be sure the Power Switch Item#2 Figure 5.1.1 is in the OFF position. This will prevent the genset from being started.*