


11.0 Points of Maintenance

Check = ● Adjust = ○ Clean = ▲ Replace = ■									
ROUTINE MAINTENANCE & SERVICE INTERVALS									
Service Item	Running Hours						Notes	Section	
	Every 10 Hrs. or Daily	Every 500 Hrs.	Every 1000 Hrs.	Every 3000 Hrs.	Every 6000 Hrs.	Every Year Minimum			
Walk around inspection	●								
Valve clearance			○				1	11.8	
Lube Oil	Oil level	●						11.4	
	Lube oil		■				2		
	Oil filter		■				2		
Fuel System	Fuel level	●						11.5	
	Fuel filter			■					
	Fuel pump strainer			▲					
	Fuel tank						●		
	Fuel Injector Nozzles				■				1
Cooling System	Heat exchanger.				▲		▲	11.9	
	Fan belt tension			○				11.7	
	Cooling air intake filter on enclosure.	●						11.9	
Air Cleaner	Restriction indicator	●						11.6	
	Hose clamps & connectors			●					
	Filter elements	<i>Replace as indicated by restriction indicator or Maximum 1,000 Hrs.</i>							2
	Dust Discharge Valve	<i>Clean when performing Air Filter maintenance</i>							2
AC & DC Electrical System	Wiring & AC load cables						●	3, 4	8
	Battery & cable connectors		●					3, 4	7
	Engine protection & monitoring devices			●				5	5
Misc.	Timing Belt						■	1	
	Exhaust system wrap				●				
	Trim Seal around heat exchanger				●				11.9
	Mounting hardware & engine mounts			●				3	
AC Alternator	Bearing	<i>Inspect every 3,000 operating hours.</i>							
	Winding Inspection	<i>Check once a year. Clean if necessary.</i>							11.10
Engine Overhaul	<i>Recommended every 12,000 operating hours.</i>						1		


Figure 11.3.1

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.



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 Master Control Switch item#2 Figure 5.2.1 is in the OFF position. This will prevent the genset from being started.