


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 2000 Hrs.	Every 3000 Hrs.	Every 6000 Hrs.	Every 2 Years			
Walk around inspection	●									
Valve clearance				○				1	11.8	
Lube Oil	Oil level	●								
	Full Flow Oil filter		■					2	9.1, 11.4	
	Lube Oil		■					2, 6		
Fuel System	Fuel level	●								
	Primary Fuel Filter		●	■				2	9.2, 11.5	
	Final Fuel filters			■				2		
	Fuel Injectors						■	1		
Cooling System	Coolant		●	Check concentration				■	9.3	
	Coolant Level	●								
	Radiator & CAC				▲			2	11.7	
	Hose clamps & connectors			●				3		
	Rubber Seals					●		2		
	V-ribbed Belt						■	■	11.9	
Air Cleaner	Primary Filter Element	<i>Replace as indicated by Restriction Indicator warning or maximum 1000 Hrs.</i>							2, 7	11.6
	Safety Filter Element	<i>Replace every 3rd air filter change, or before if damage is found.</i>							2, 7	
	Dust discharge valve	<i>Clean when performing air filter maintenance.</i>							2	
	Hose clamps & connectors			●					2	
EPA Items	Crankcase Breather			●			■	●	1	
AC & DC Electrical System	Wiring & AC load cables			●					2, 3, 4 8.0	
	Battery cable connectors			●					2, 3, 4 7.0	
	Engine protection & monitoring devices			●					2, 5 6.0	
Misc.	Exhaust system wrap				●				2, 3	
	Mounting hardware & engine mounts			●					2, 3	
	Rubber hoses & connectors			●					3, 8	
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

See Reference Notes on following page.



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 and disconnect the batteries before performing service or maintenance.