

SP-80 SCHEDULED LUBRICATION & MAINTENANCE

SERVICE ITEM	SERVICE INTERVAL IN MACHINE HOURS						PAGE REFERENCE	LUBRICANT
	EVERY 10 HRS.	EVERY 50 HRS.	EVERY 100 HRS.	EVERY 250 HRS.	EVERY 500 HRS.	EVERY 2000 HRS.		
Check engine oil	✓							EO
Change engine oil (Change once after 50 hrs.)					✓			EO
Change engine oil filter (Change once after 50 hrs.)					✓			
Clean oil cooler core exterior	✓						C3.1	
Check oil cooler hoses				✓			C3.1	
Check fuel level	✓						C3.1	
Check fuel water separator		✓					C3.1	
Check fuel hoses and clamps		✓					C3.2	
Replace fuel filter					✓		C3.2	
Replace fuel hoses and clamps						✓		
Check fan belt tightness			✓				C3.2	
Replace fan belt					✓			
Check hydraulic oil level	✓						C3.2	HYDO
Check hyd. oil filter restriction indicator		✓					C3.2	
Clean hyd. oil suction strainer						✓	C3.3	
Change hyd. oil in reservoir						✓	C3.4	HYDO
Clean or replace bleed-down filter				✓			C3.5	
Check air filter restriction indicator	✓						C3.6	
Replace air filter element	PER AIR RESTICTION INDICATOR						C3.6	
Check battery electrolyte level			✓				C3.5	
Check electrical fuse connections			✓					
Inspect electrical wiring			✓					

DEFINITIONS:

- EO - ENGINE CRANKCASE OIL
- HYDO - HYDRAULIC OIL
- MPGM - MULTIPURPOSE TYPE GREASE WITH MOLYBDENUM DISULFIDE
- OGL - OPEN GEAR LUBRICANT

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	EVERY 10 HRS.	EVERY 50 HRS.	EVERY 100 HRS.	EVERY 250 HRS.	EVERY 500 HRS.	EVERY 2000 HRS.		
Replace Toothed Belts	3000 HRS OR 5 YEARS WHICHEVER						DEUTZ ENGINE MANUAL	
Replace Idler Pulley	COMES FIRST							
Check tire inflation pressure		✓					C3.4	
Check boom hyd. hoses				✓			C3.7	
Check wheel lug nut tightness			✓				C3.6	
Grease rotation bearing			✓				C3.7	MPGM
Grease swivel clamps	✓						C3.8	MPGM
	✓						C3.8	MPGM
		✓					C3.8	MPGM
		✓					C3.8	MPGM
Lubricate boom swivel		✓					C3.8	WD-40
Check oil in axle planetary hubs					✓		C3.8	OGL
Change oil in axle planetary hubs						✓	C3.8	OGL
Check oil in axle differential					✓		C3.8	OGL
Change oil in axle differential						✓	C3.8	OGL

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