

## S-160 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	✓						ENGINE MANUAL	EO
Change engine oil (Change once after 50 hrs.)					✓		ENGINE MANUAL	EO
Change engine oil filter (Change once after 50 hrs.)					✓		ENGINE MANUAL	
Clean oil cooler core exterior	✓						C3.1	
Check oil cooler hoses				✓			C3.1	
Check fuel level	✓						C3.1	
Drain fuel water separator (Cummins)	✓						ENGINE MANUAL	
Check fuel water separator (Deutz)		✓					C3.1	
Check fuel hoses and clamps		✓					C3.2	
Replace fuel filter					✓		ENGINE MANUAL	
Replace fuel hoses and clamps						✓		
Check fan belt tightness			✓				ENGINE MANUAL	
Inspect fan belt	✓						ENGINE MANUAL	
Check hydraulic oil level	✓						C3.2	HYDO
Check hyd. oil filter restriction indicator		✓					C3.2	
Change hyd. oil filter (pressure line)	PER AIR RESTRICTION INDICATOR						C3.10	
Change hyd. oil filter (return line)	PER INDICATOR LIGHT ON DASH						C3.10	
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	✓						C3.9	
Replace air filter element	PER AIR RESTRICTION INDICATOR						C3.9	
Check battery electrolyte level			✓				C3.5	
Check electrical fuse connections			✓					

### 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.		
Inspect electrical wiring			✓					
Check coolant level (Cummins)	✓						ENGINE MANUAL	
Inspect coolant fan (Cummins)	✓						ENGINE MANUAL	
Check cooling system (Cummins)					✓		ENGINE MANUAL	
Flush cooling system (Cummins)						✓	ENGINE MANUAL	
Check hydraulic hoses					✓			
Check tire inflation pressure		✓					C3.6	
Check boom side bearing pad clearances				✓			C3.6	
Check boom side bearing pad condition					✓			
Grease boom hose rollers				✓			C3.13	MPGM
Grease boom drive chain pulleys			✓				C3.13	MPGM
Check boom drive chain tightness			✓				C3.7	
Lubricate boom drive chain			✓				C3.7	OGL
Check boom hyd. hoses				✓			C3.9	
Check wheel lug nut tightness			✓				C3.9	
Grease rotation bearing			✓				C3.11	MPGM
Grease vibrator bearings	✓						C3.11	MPGM
Grease auger bearings	✓						C3.11	MPGM
Grease pivoted screed elevation tube		✓					C3.12	MPGM
Grease screed yokes		✓					C3.12	MPGM
Grease axle king pin bearings		✓					C3.12	MPGM
Grease axle pivot pin		✓					C3.13	MPGM
Lubricate inner screed elevation tubes		✓					C3.11	EO
Check oil in drive hubs					✓		C3.11	OGL
Change oil in drive hubs						✓		
Replace Toothed Belts	3000 HRS OR 5 YEARS WHICHEVER						DEUTZ ENGINE MANUAL	
Replace Idler Pulley	COMES FIRST							