

STS-132 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
Check Ships II Limit Switches For Binding		✓						MPGM or WD40
Check Hopper Full Limit Switch for Binding		✓						MPGM or WD40
Check air filter restriction indicator	✓						C3.9	
Replace air filter element	PER AIR RESTICTION 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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Inspect electrical wiring			✓					
Check tire inflation pressure		✓					C3.5	
Check wheel lug nut tightness			✓				C3.9	
Grease rotation bearing			✓				C3.11	MPGM
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							
Check large boom side bearing pad side clearances					✓		C3.6	
Check small boom side bearing pad side clearances	✓						C3.6	
Check small boom bearing pads condition					✓			
Grease small boom upper bearing pads			✓					MPGM
Grease large boom lower rollers			✓				C3.7	MPGM
Grease large boom upper rollers			✓				C3.7	MPGM
Grease boom extension chain pulley			✓				C3.7	MPGM
Check boom extension chain tightness			✓				C3.7	
Lubricate boom extension chain			✓				C3.7	OGL
Grease boom retraction chain pulley			✓				C3.8	MPGM
Check boom retraction chain tightness			✓				C3.8	
Lubricate boom retraction chain			✓				C3.8	OGL

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Grease boom hose roller bearings			✓				C3.8	MPGM
Check boom hydraulic hoses				✓			C3.9	
Check idler shaft drive chain tightness							C3.11	
Lubricate idler shaft drive chain		✓					C3.11	OGL
Grease boom hopper drum bearings		✓					C3.11	MPGM
Grease boom hopper idler shaft bearings		✓					C3.11	MPGM
Check drum drive chain tightness		✓					C3.11	
Clean boom hopper brush	✓							
Check condition of brush		✓						
Lubricate brush shaft bearings			✓					
Clean feed augers and material bins	✓							
Grease feed auger bearings								MPGM
Check hopper side shift bearing pads							C3.12	
Check hopper side shift retainer bracket bearing pads				✓			C3.12	
Grease knife gate roller bearings				✓				
Grease bulk bin bearings	✓							
Grease charge hopper bearings	✓							

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