



Heavy Equipment Preventative Maintenance Checklist

CF-S-80

Date: _____ Hour Meter: _____
Model: _____ Serial Number: _____
Unit Number: _____ Job Number: _____
Customer: _____ Performed By: _____

Every 250 Hours	Completed	Every 1000 Hours	Completed
Change engine oil & filters	☐	Change winch draw works (Pipelayer)	☐
Clean engine crank case breather	☐	Change winch oil (Dozers)	☐
Replace fuel filter(s)	☐	Clean magnetic screen	☐
Replace water separator	☐	Take coolant Sample	☐
Clean Fuel tank cap screen	☐	Every 2000 Hours	Completed
Ensure all grease fittings take grease	☐	Check/Adjust valve lash	☐
Reset air filter indicators	☐	Take coolant Sample	☐
Window washer fluid (operator)	☐	Change trans oil	☐
Empty pre-cleaner bowl if required	☐	Run status report from ET (If avail)	☐
Check/add all fluid levels	☐	Change filter	☐
Change final drive oil (plus filter if app)	☐	Every 3000 Hours	Completed
Update PM info to meter readings	☐	Transmission calibration (Dozers)	☐
Seat belt condition	☐	Change transmission & hydraulic oils (if req)	☐
Synchronize Product Link as required	☐	Fluid Usage	Completed
Change hydraulic filters as required	☐	Engine oil (0w30)	☐
Hydraulic tank filters resealed	☐	Hydraulic Fluid (0w30)	☐
Grease swing bearing	☐	Final Drive (0w30)	☐
Inspect Swing drive grease	☐	Swing Drive (0w30)	☐
Change swing drive oil	☐	Transmission (0w30)	☐
Cut/Inspect used filters (only when needed)	☐	SOS Oil Samples (every 250 hours)	Completed/Sent
Replace Primary air filter	☐	Sample engine oil (SOS)	☐
Replace Secondary air filter	☐	Sample final drives (SOS)	☐
Inspect/clean outer cab air filter	☐	Sample hydraulic Oil (Particle Count)	☐
Inspect/clean inner cab air filter	☐	Sample swing drive (SOS)	☐

General Comments: _____



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Visual Inspection	OK	Service	NA	Comments
Operator compartment & cab condition	☐	☐	☐	
Instrument panel, warning labels etc.	☐	☐	☐	
Frame, covers, handrails etc.	☐	☐	☐	
Wiper blades & arms	☐	☐	☐	
ROPS for loose mounts, cracks etc.	☐	☐	☐	
Vision link reporting	☐	☐	☐	
Ground engaging tools	☐	☐	☐	
Air intake & exhaust system	☐	☐	☐	
Battery compartment & fuse panel	☐	☐	☐	
Rad & cooler cores/fins	☐	☐	☐	
Fuel tank (incl. strainer) & lines	☐	☐	☐	
Hydraulic tank (incl. strainer) & lines	☐	☐	☐	
Hydraulic Cylinders	☐	☐	☐	
All belts & pulleys (tighten if req.)	☐	☐	☐	
All hoses, fittings, lines for wear	☐	☐	☐	
Fluid leaks at key components	☐	☐	☐	
Swing drive(s)	☐	☐	☐	
Bucket linkages & pins	☐	☐	☐	
Attachments	☐	☐	☐	
Undercarriage & tracks	☐	☐	☐	
Counterweight	☐	☐	☐	
Regeneration required	☐	☐	☐	
Starting Aid Systems	☐	☐	☐	
Back up alarm and camera	☐	☐	☐	
Lights & horn	☐	☐	☐	
Service meter is operational	☐	☐	☐	
Heating & air conditioner	☐	☐	☐	
Engine start, running condition & shutdown (inc. PAS)	☐	☐	☐	
Electrical starting & charging system	☐	☐	☐	
Directional & speed control operation	☐	☐	☐	
Hydraulic safety lock	☐	☐	☐	
Joystick and control linkage	☐	☐	☐	
Front window slides properly	☐	☐	☐	
Accumulator generation (excavators H Series)	☐	☐	☐	
Stick, boom & bucket condition/linkage	☐	☐	☐	

Mechanic Signature

Date

Manager Signature

Date

Completed CF-S-80 is to be filed in the unit's heavy equipment maintenance file