



**Work Order**

<b>Customer</b>		<b>Approved Date</b>	
<b>Location</b>		<b>Work Order #</b>	
<b>Start Date</b>		<b>End Date</b>	
<b>Priority</b>		<b>Technician</b>	
<b>Photos</b>		<b>Audio Notes</b>	
<b>Special Instruction Summary</b>			

**Equipment**

<b>Serial Number</b>		<b>Product</b>	
<b>Hours</b>		<b>Manufacturer Year</b>	
<b>Make</b>		<b>Unit #</b>	
<b>Model</b>			

**Exceptions**

Item	Note	SMCS	Spec	Result	Response
Steering Cylinders, Tie Rods & Linkages	Hydraulic line going to the front right steering cylinder the hose is rubbing through the outside rubber layer into the braid when the axle moves	7000			
Exhaust manifold	DPF alert is on for high ash level machine idled for 45 mins never regenerated	7000			
Circle Gears	Gear teeth on the circle drive is extremely worn down to where it worn the teeth on the swivel gear	7000			
Circle Drive Swivel	Three to four teeth are worn from the circle gear	7000			

**TA Inspection**

<b>Type</b>	TA	<b>Level</b>	
<b>Start Date</b>		<b>End Date</b>	

1. Prepare Machine Inspection

Component	SMCS	Status	Component	SMCS	Status
Check with customer for operator complaints	1000		Prepare the machine for the inspection Be sure the area is free of personnel. Make sure no one is underneath the machine, around the machine, or on t	1000	
Download machine fault codes using either of the following methods: Electronic Technician (ET) Machine monitor	1000		Check Product Link Is machine equipped with PL? Is PL activated? Is PL functioning properly?	1000	
Observe engine exhaust colors Start the machine and observe exhaust colors: White smoke after initial startup could indicate coolant in the engine c	1000		Perform safety/preparatory inspection	1000	
Listen for unusual noises (hydraulic pumps, engine, transmission, and axles) Excessive noise coming from hydraulic pump could indicate either: Pump	1000				

Summary:

2. Lower Level Inspection

Component	SMCS	Status	Component	SMCS	Status
Articulation Joints & Bearings	7000		Axle Arms & Kingpins	7000	
Bottom Guard	7000		Brake & Fan Hydraulic Pump & Control Valve	7000	
Drive Shaft & Parking Brake	7000		Engine oil pan	7000	
Final drives	7000		Front & Rear Machine Frames	7000	
Front Axle	7000		Front Wheels & Spindles/Wheel Drives	7000	
Rear Differential Housing	7000		Secondary Steering Pump & Motor	7000	
Steering Cylinders, Tie Rods & Linkages	7000		Tandem Drives, Service Brakes & Wheels	7000	
Tires and rims	7000		Transmission & Parking Brake	7000	
Wheel Lean Cylinder & Lean Bar	7000				

Summary:

3. Middle Level Inspection

Component	SMCS	Status	Component	SMCS	Status
Articulation Cylinders	7000		AWD Hydraulic Pump	7000	
Batteries & battery cables	7000		Cab Exterior	7000	
Cab Mounts	7000		Cooling Fan & Hydraulic Motor	7000	
Cylinder head and valve cover	7000		Engine oil pan	7000	
Exhaust manifold	7000		Fuel Tank	7000	
Hood & platform	7000		Implement & AWD Control Valve	7000	
Implement & Steering Control Valves	7000		Radiator cap	7000	
Radiator, oil cooler, condenser & aftercooler	7000		Rear Brake & Directional Lights	7000	
Service Brakes & Parking Brake Accumulators	7000		Steps & handrails	7000	
Turbocharger	7000		Work lights	7000	

Summary:

#### 4. Upper Level Inspection

Component	SMCS	Status	Component	SMCS	Status
Batteries & battery cables	7000		Cab Exterior	7000	
Cab Interior	7000		Cab Mounts	7000	
Cylinder head and valve cover	7000		Engine & Transmission Mounts	7000	
Engine oil pan	7000		Exhaust manifold	7000	
Fuel System Lines, Fuel Pumps & Filter Bases	7000		Hood & platform	7000	
Hydraulic Tank	7000		Intake Manifold	7000	
Lower Radiator, Aftercooler & Condenser Lines	7000		Precleaner & Air Cleaner	7000	
Radiator cap	7000		Radiator, oil cooler, condenser & aftercooler	7000	
Steps & handrails	7000		Transmission Oil Cooler	7000	
Transmission, Parking Brake & Power Train Pumps	7000		Turbocharger	7000	
Work lights	7000				

Summary:

#### 5. Implement/Attachment Inspection

Component	SMCS	Status	Component	SMCS	Status
Blade Cushion Accumulator	7000		Blade Lift Cylinder & Lock Bars	7000	
Blade Sideshift Cylinder	7000		Blade Tip Cylinder	7000	
Centershift Cylinder	7000		Centershift Lock	7000	
Circle Drive Motor	7000		Circle Drive Swivel	7000	
Circle Gears	7000		Drawbar	7000	
Moldboard & Blade	7000		Ripper/Scarifier	7000	
Ripper/Scarifier Lift Cylinder	7000				

Summary:

### PM Inspection

Type	PM	Level	
Start Date		End Date	MM/DD/YEAR

#### 1000 Engine

Component	SMCS	Status	Component	SMCS	Status
CLEAN FUEL TANK STRAINER	1000		INSPECT & MAINTAIN FUEL TANK CAP(S)	1000	
PRIME FUEL SYSTEM	1000		REPLACE AIR FILTER ELEMENT PRIMARY	1000	
REPLACE ENGINE OIL & FILTER	1000		REPLACE FUEL FILTER SECONDARY	1000	
REPLACE WATER SEPARATOR ELEMENT	1000		TAKE & ANALYZE S-O-S SAMPLE FR ENGINE COOLANT LEVEL ONE	1000	
TAKE & ANALYZE S-O-S SAMPLE FR ENGINE OIL	1000		REPLACE AIR FILTER ELEMENT SECONDARY	1000	
CLEAN RADIATOR CORE	1000		CLEAN RADIATOR CAP	1000	
CLEAN REFRIGERANT CONDENSER	1000		INSPECT BATTERY	1000	
INSPECT CRANKSHAFT DAMPER/PULLEY	1000		INSPECT INLET/EXHAUST VALVE ENGINE	1000	
INSPECT UNIT INJECTOR	1000		INSPECT VALVE ROTATOR ENGINE	1000	
TAKE & ANALYZE S-O-S SAMPLE FR ENGINE COOLANT LEVEL TWO	1000				

Summary:

#### 3000 Trans & Driveline

Component	SMCS	Status	Component	SMCS	Status
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CLEAN TRANSMISSION MAGNETIC SCREEN	3000		REPLACE TRANSMISSION OIL FILTER	3000	
TAKE & ANALYZE S-O-S SAMPLE FR TRANSMISSION	3000		REPLACE TRANSMISSION OIL	3000	

Summary:

4000 Drive Train

Component	SMCS	Status	Component	SMCS	Status
CLEAN TANDEM DRIVE BREATHER	4000		DRAIN PARKING BRAKE	4000	
INSPECT AIR DRYER	4000		TAKE & ANALYZE S-O-S SAMPLE FR TANDEM DRIVE OIL	4000	
TEST BRAKING SYSTEM	4000		CHECK FINAL DRIVE PRELOAD	4000	
DRAIN & REFILL TANDEM DRIVE OIL	4000		REPLACE AIR DRYER DESICCANT	4000	

Summary:

5000 Implement Controls

Component	SMCS	Status	Component	SMCS	Status
REPLACE HYDRAULIC OIL FILTER	5000		REPLACE HYDRAULIC OIL FILTER ALL WHEEL DRIVE	5000	
TAKE & ANALYZE S-O-S SAMPLE FR HYDRAULIC SYSTEM	5000		CHECK HYDRAULIC ACCUMULATOR BLADE	5000	
DRAIN & REFILL CIRCLE DRIVE OIL	5000				

Summary:

7000 Machine

Component	SMCS	Status	Component	SMCS	Status
INSPECT AIR FILTER INDICATOR ENGINE	7000		INSPECT ROPS/FOPS CAB	7000	
REPLACE CAB AIR FILTER	7000		CLEAN EVAPORATOR COIL	7000	
REPLACE AIR CONDITIONER RECEIVER/DRYER	7000				

Summary:

**Oil Samples**

Compartment	Level	Viscosity	Hours On Oil	Oil Added	Fluid Changed	Filter Changed	Comment
Engine							
Tandem Left							
Transmission							
Tandem Right							
Circle Drive Box							
Differential Rear							
Hydraulic System							
Radiator							

**Consumptions**

Fluid	Quantity
DEO 15W-40	
TDTO 30W TDTO	
TDTO 50W TDTO	
HYDO 10W	
Oil Samples	

**Signatures**

Technician	Customer

**Inspection Item Photos**
