

Mississippi Forestry Commission - Monthly Tractor Inspection Report

County: \_\_\_\_\_ Operator: \_\_\_\_\_ Date: \_\_\_\_\_
Make/Model: \_\_\_\_\_ Hour Meter At Inspection: \_\_\_\_\_ MFC#: \_\_\_\_\_

SERVICE DATES & HOURS

- A. Engine Oil Changed (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 12 months or 75 OEM hours)
B. Greased (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (grease a minimum of every 10 hours)
C. Air filter changed (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change as needed)
D. Final fuel filter and fuel /water separator (Raycor for 450GLT) (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 12 months or 75 OEM hrs.)
E. Final fuel filter and fuel strainer, separator for 450H (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 12 months or 75 OEM hours)
F. Hydraulic oil and filter changed (all have external filter) (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 3 years or 250 hours OEM)
G. Transmission oil and filter changed (all have external filter) (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 3 years or 250 hours OEM)
H. Coolant filter changed (450G, H) (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 6 months or 75 hours OEM)
I. Final drive oil changed (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (change every 3 years or 250 hours)
J. Antifreeze changed (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (Change antifreeze every 6 years)
Booster added (date) \_\_\_\_\_ (hours) \_\_\_\_\_
K. Cabin A/C interior air filter changed (Cat D5G) (date) \_\_\_\_\_ (hours) \_\_\_\_\_
L. Cabin A/C exterior air filter changed (Cat D5G) (date) \_\_\_\_\_ (hours) \_\_\_\_\_ (HEPA filter and charcoal filter)

ENGINE, COOLING SYSTEM AND EXHAUST SYSTEM:

- A. Any oil leaks on engine? [ ] yes [ ] no If yes, where? \_\_\_\_\_
B. Is engine oil at full mark? [ ] full [ ] low
C. Is engine clean? [ ] yes [ ] no
D. Any coolant leaks? [ ] yes [ ] no If yes, where? \_\_\_\_\_
E. Is coolant full in radiator and/or recovery tank? Radiator [ ] full [ ] low Recovery tank [ ] full [ ] low
F. Do any hoses need to be replaced? [ ] yes [ ] no If yes, where? \_\_\_\_\_
G. Is muffler and the exhaust pipe in good condition? [ ] yes [ ] no If no, explain \_\_\_\_\_
H. What is the condition of the radiator cap? [ ] good [ ] needs replacing
I. Are the belts in good condition? [ ] yes [ ] no
J. Is the precleaner clean? [ ] yes [ ] no Is the precleaner cracked or need to be replaced? [ ] yes [ ] no
K. Is the battery full of water & full charged? [ ] yes [ ] no
L. Are the battery cable ends in good condition? [ ] yes [ ] no Clean? [ ] yes [ ] no Tight? [ ] yes [ ] no

FUEL SYSTEM

- A. Any fuel leaks? [ ] yes [ ] no If so, where? \_\_\_\_\_
B. List date/hours when last drained sediment/water in fuel tank (date) \_\_\_\_\_ (hours) \_\_\_\_\_
C. Does the fuel shut off valve work correctly? [ ] yes [ ] no

HYDRAULIC SYSTEM:

- A. Is the hydraulic fluid visible in the sight glass? [ ] yes [ ] no
B. What is the condition of the hydraulic hoses? [ ] good [ ] needs replacing
C. Are there any hydraulic problems with the tractor? [ ] yes [ ] no If yes, explain \_\_\_\_\_
D. Is the hydraulic reservoir breather tube free of obstruction? (450G only) [ ] yes [ ] no

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**TRACKS, UNDERCARRIAGE & POWERTRAIN:**

- A. Are the tracks in adjustment for correct sag? (2" required)  yes  no
- B. Are the track shoe bolts tight?  yes  no
- C. What is the condition of the top rollers  good  bad, track chains  good  bad & sprockets  good  bad?
- D. What is the condition of the bottom rollers?  good  bad
- E. Does the tractor steer correctly?  yes  no If not, explain \_\_\_\_\_
- F. Are the sprocket bolts  tight  broken?

**INSTRUMENT PANEL & SAFETY ITEMS:**

- A. Does the hour meter work correctly?  yes  no
- B. Do all instrument panel gauges work correctly?  yes  no If no, explain \_\_\_\_\_
- C. Are the fire extinguishers fully charged?  yes  no
- D. Do all of the lights work correctly?  yes  no If no, explain \_\_\_\_\_
- E. What is the condition of the cage?  good  bad Any repairs needed?  yes  no \_\_\_\_\_
- F. Is the belly pan clean of dirt  yes  no & debris  yes  no?
- G. Are areas under the seat & floor plate clear of debris?  yes  no
- H. Is the first aid kit fully stocked?  yes  no If no, explain \_\_\_\_\_
- I. Is the backpack pump operational and in good condition?  yes  no If no, explain \_\_\_\_\_
- J. Do the brakes operate correctly?  yes  no If no, explain \_\_\_\_\_
- K. Is the tractor equipped with a heavy duty chain?  yes  no
- L. Is the backup alarm working correctly?
- M. Does "Clutch" pedal come up completely when you take your foot off the pedal? 450G  yes  no

**FIRE PLOW:**

- A. Is the plow coulter tight and in good condition?  yes  no If no, explain \_\_\_\_\_
- B. Are the plow disc blades tight and in good condition?  yes  no If no, explain \_\_\_\_\_
- C. Is the plow point in good condition?  yes  no If no, explain \_\_\_\_\_
- D. Are there any other plow problems?  yes  no If yes, explain \_\_\_\_\_
- E. What is the condition of the plow lock and plow swivel?  good  needs fixing \_\_\_\_\_

**WINCH:**

- A. Is the cable in good condition?  yes  no If no, explain \_\_\_\_\_
- B. Is the chain & hook in good condition?  yes  no If no, explain \_\_\_\_\_
- C. Does the winch work correctly?  yes  no If no, explain \_\_\_\_\_

**ADDITIONAL COMMENTS:**

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Signature Of Person Performing Inspection

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Date Of Inspection