

| <b>335D and 437D</b>                                           |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>As Required</b>                                             |                                                                    |
| • Check/change fresh air filter                                | • Check/clean engine air filter and dust valve                     |
| • Check/change cab recirculation air filter                    | • Add coolant extender as indicated by COOLGARD™ II test strips    |
| <b>Every 10 Hours or Daily</b>                                 |                                                                    |
| • Lubricate grapple rotator and pins                           | • Check engine coolant level                                       |
| • Lubricate boom (hoist), stick (jib) and cylinder pivots      | • Check engine oil level                                           |
| • Check windshield washer fluid level                          | • Check and drain fuel/water separator                             |
| • Lubricate swing bearing and pinion                           | • Check swing gear case oil level                                  |
| • Check hydraulic oil level                                    | • Lubricate stabilizer and stabilizer cylinder pins                |
| • Check and clean radiator and oil cooler fins                 | • Check fire extinguisher gauge (inside cab-left side)—if equipped |
| <b>Every 100 Hours</b>                                         |                                                                    |
| • Lubricate rotary manifold                                    |                                                                    |
| <b>Initial Service - 250 Hours<sup>1</sup></b>                 |                                                                    |
| • Drain and refill engine oil and replace filter               | • Drain and refill swing gear case oil                             |
| <b>Every 250 Hours</b>                                         |                                                                    |
| • Take engine oil sample                                       |                                                                    |
| <b>Every 500 Hours</b>                                         |                                                                    |
| • Replace fuel filters                                         | • Take hydraulic oil sample                                        |
| • Check engine fan belt                                        | • Take swing gear case oil sample                                  |
| • Drain and refill engine oil and replace filter               | • Take diesel fuel sample                                          |
| • Check battery electrolyte level                              | • Take engine coolant sample                                       |
| • Check swing bearing mounting cap screws (torque if required) |                                                                    |
| <b>Every 1000 Hours</b>                                        |                                                                    |
| • Replace engine air filters                                   | • Drain and refill swing gear case oil                             |
| • Check coolant                                                | • Lubricate swing gear case                                        |
| • Replace pilot filter                                         | • Replace hydraulic oil return filters                             |
| <b>Every 2000 Hours</b>                                        |                                                                    |
| • Drain and refill hydraulic oil                               | • Clean case drain return screen                                   |
| • Replace hydraulic tank breather filter                       | • Check engine valve clearance                                     |
| <b>Every 4000 Hours</b>                                        |                                                                    |
| • Replace engine crankshaft dampener                           |                                                                    |
| <b>Every 6000 Hours</b>                                        |                                                                    |
| • Drain, flush, and refill cooling system                      |                                                                    |

## UPTIME MAINTENANCE PLANNER

| REQUIRED PARTS                         |                      |                                          |                 |                     |                     |                       |                       |                       |
|----------------------------------------|----------------------|------------------------------------------|-----------------|---------------------|---------------------|-----------------------|-----------------------|-----------------------|
| Description                            | Part Number          | Initial Service - 250 Hours <sup>1</sup> | Every 250 Hours | Every 500 Hours     | Every 1000 Hours    | Every 2000 Hours      | Every 4000 Hours      | Every 6000 Hours      |
| Engine Oil Filter                      | RE504836             | 1                                        |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| Final Fuel Filter                      | RE522878             |                                          |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| Fuel/Water Separator                   | RE529643             |                                          |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| Hydraulic Oil Return Filter            | F061786              |                                          |                 |                     | 2                   | 2                     | 2                     | 2                     |
| Pilot Filter—335D                      | 842964900            |                                          |                 |                     | 1                   | 1                     | 1                     | 1                     |
| Pilot Filter—437D                      | F437580              |                                          |                 |                     | 1                   | 1                     | 1                     | 1                     |
| Air Filter (Primary)                   | AT300487             |                                          |                 |                     | 1                   | 1                     | 1                     | 1                     |
| Air Filter (Secondary)                 | AT314583             |                                          |                 |                     | 1                   | 1                     | 1                     | 1                     |
| Hydraulic Breather Filter              | F309181              |                                          |                 |                     | 1                   | 1                     | 1                     | 1                     |
| Engine Crankshaft Dampener             | RE59355              |                                          |                 |                     |                     |                       | 1                     |                       |
| Fresh Air Filter                       | AT191102             | As Required                              |                 |                     |                     |                       |                       |                       |
| Recirculation Air Filter               | AT307501             | As Required                              |                 |                     |                     |                       |                       |                       |
| Plus-50™ II Engine Oil                 | TY26674 <sup>2</sup> | 19.0 L<br>(5.0 gal)                      |                 | 19.0 L<br>(5.0 gal) | 19.0 L<br>(5.0 gal) | 19.0 L<br>(5.0 gal)   | 19.0 L<br>(5.0 gal)   | 19.0 L<br>(5.0 gal)   |
| Hydraulic System Oil                   | TY26671 <sup>2</sup> |                                          |                 |                     |                     | 302.8 L<br>(80.0 gal) | 302.8 L<br>(80.0 gal) | 302.8 L<br>(80.0 gal) |
| Swing Gear Case Oil                    | TY6345 <sup>2</sup>  |                                          |                 |                     |                     | 4.4 L<br>(1.1 gal)    | 4.4 L<br>(1.1 gal)    | 4.4 L<br>(1.1 gal)    |
| COOL-GARD™ II Pre-Mix Coolant          | TY26575              |                                          |                 |                     |                     |                       |                       | 21.0 L<br>(5.5 gal)   |
| Coolant Extender                       | TY26603              | As Required                              |                 |                     |                     |                       |                       |                       |
| <b>Fluid Analysis Kits<sup>3</sup></b> |                      |                                          |                 |                     |                     |                       |                       |                       |
| Diesel Engine Oil                      | AT346594             |                                          | 1               | 1                   | 1                   | 1                     | 1                     | 1                     |
| Hydraulic Oil                          | AT346594             |                                          |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| Swing Gear Case Oil                    | AT346594             |                                          |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| Diesel Fuel                            | AT180344             |                                          |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| Engine Coolant                         | TY26873              |                                          |                 | 1                   | 1                   | 1                     | 1                     | 1                     |
| COOLGARD™ II Test Strips               | TY26605              |                                          |                 |                     | 1                   | 1                     | 1                     | 1                     |

<sup>1</sup> Perform initial service once after the first 250 hours of operation.

<sup>2</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

<sup>3</sup> Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.