

<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 (5.0 gal)		19.0 L (5.0 gal)	19.0 L (5.0 gal)	19.0 L (5.0 gal)	19.0 L (5.0 gal)	19.0 L (5.0 gal)
Hydraulic System Oil	TY26671 <sup>2</sup>					302.8 L (80.0 gal)	302.8 L (80.0 gal)	302.8 L (80.0 gal)
Swing Gear Case Oil	TY6345 <sup>2</sup>					4.4 L (1.1 gal)	4.4 L (1.1 gal)	4.4 L (1.1 gal)
COOL-GARD™ II Pre-Mix Coolant	TY26575							21.0 L (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.

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