



335C, 435C, 437C, 530B, 535

As Required	
• Check air filter restriction indicator and ducting	• Drain water and sediment from fuel tank
• Check fire extinguisher	• Check and drain fuel/water separator
Every 10 Hours or Daily	
• Check engine oil level	• Lubricate grapple
• Check air filter restriction indicator and ducting	• Lubricate ring gear and turntable bearings
• Check engine coolant level	• Lubricate boom and cylinder pivots
• Check and drain final fuel filter water separator	• Lubricate stabilizer and cylinder pins
• Check hydraulic oil level	• Check operation of engine gauges and warning lights
• Check windshield washer fluid level	• Fill fuel tank
• Check hydraulic filter restriction indicator	• Clean external surfaces and engine compartment
• Check and clean shroud	• Check and clean radiator and oil cooler fins
• Check swing drive gearbox oil level	
Every 50 Hours or weekly	
• Check fire extinguisher	• Check pump mounting bolts torque
• Check loader mounting bolts torque	• Lubricate grapple rotator
• Check engine mounting bolts torque	• Check boom and cylinder pin retainers (torque if required)
• Check heel mounting bolts torque	• Check stabilizer and cylinder pin retainers torque
Initial Service - 100 Hours**	
• Change engine break-in oil	• Change engine oil filter
• Change oil in the swing drive gearbox	
<i>**Perform initial service once after the first 100 hours of operation</i>	
Every 100 Hours	
• Check seat belt and belt support	• Check battery water level
• Visually inspect swing gearbox mounting cap screws (torque if required)	
Every 250 Hours	
• Change engine oil	• Replace engine oil filter
• Change hydraulic oil return filters	• Take hydraulic oil analysis sample
• Change engine fuel filter	• Drain water and sediment from fuel tank
• Take engine oil analysis sample--250 hours (recommended), 500 hours (maximum)	
Every 500 Hours	
• Change fuel/water separator filter element	• Change engine air filters
• Check turntable bearing mounting screws (torque if required)	• Take engine coolant analysis sample
• Check engine fan belt tension	• Take diesel fuel analysis sample
• Take engine oil analysis sample--250 hours (recommended), 500 hours (maximum)	
Every 1000 Hours	
• Change swing gearbox oil	
Every 2000 Hours	
• Change hydraulic oil	• Clean case drain strainer element
• Change engine coolant and flush cooling system	• Check engine belt and tensioner
Every 4500 Hours	
• Replace engine crankshaft dampener	

UPTIME MAINTENANCE PLANNER

REQUIRED PARTS							
	Part Number	Initial Service - 100 Hours	Every 250 Hours	Every 500 Hours	Every 1000 Hours	Every 2000 Hours	Every 4500 Hours
Engine Oil Filter	RE59754 ^{ab}	1	1	1	1	1	1
Engine Oil Filter	RE57394 ^c	1	1	1	1	1	1
Final Fuel Filter	RE62419 ^{ab}		1	1	1	1	1
Final Fuel Filter	AR86745 ^c		1	1	1	1	1
Primary Fuel Filter (Water Separator)	RE62424 ^{ab}			1	1	1	1
Primary Fuel Filter (Water Separator)	RE508633 ^c			1	1	1	1
Air Filter (Primary)	T191321 ^{ab}			1	1	1	1
Air Filter (Primary)	AT175223 ^c			1	1	1	1
Air Filter (Safety)	F435742 ^{ab}			1	1	1	1
Air Filter (Safety)	AT175224 ^c			1	1	1	1
Vacuator Valve	T158495 ^{abc}	As Required					
Hydraulic Reservoir Return Oil Filter Element Only	F061786 ^{abc}		2	2	2	2	2
Hydraulic Reservoir Return Oil Filter Assembly. (Includes Filter Element, Filter Housing, Spring and O-Ring)	F309199 ^{abc}	As Required					
Engine Crankshaft Dampener	RE59355 ^{ab}						1
Engine Crankshaft Dampener	RE529907 ^c						1
Pilot Pressure Filter	842964900 ^{abc}	As Required					
Engine Cold Start Canister (If Installed)	AT171162 ^{abc}	As Required					
Hydraulic Reservoir Breather Filter	F309181 ^{abc}	As Required					
Engine Crankcase Oil (John Deere PLUS 50™ Engine Oil)	TY6389* ^{ab}	19.0 L (5 gal)	19.0 L (5 gal)	19.0 L (5 gal)	19.0 L (5 gal)	19.0 L (5 gal)	19.0 L (5 gal)
Engine Crankcase Oil (John Deere PLUS 50™ Engine Oil)	TY6389* ^c	28.5 L (7.5 gal)	28.5 L (7.5 gal)	28.5 L (7.5 gal)	28.5 L (7.5 gal)	28.5 L (7.5 gal)	28.5 L (7.5 gal)
Swing Drive Oil	TY6345* ^{abc}	6.8 L (7.2 qt)			6.8 L (7.2 qt)	6.8 L (7.2 qt)	
Hydraulic Oil	TY25852* ^{abc}					378.0 L (100.0 gal)	
Engine Break-In Oil	TY22041* ^{abc}	As Required					
Cool-Gard Coolant	TY16036 ^{abc}					21 L (5.5 gal)	
Coolant Conditioner	TY16004 ^{abc}			.5 L (1 pint)	.5 L (1 pint)	.5 L (1 pint)	.5 L (1 pint)
Fluid Analysis Kits**							
Diesel Engine Oil Test Kit	AT317904		1	1	1	1	1
Hydraulics and Power Train Test Kit	AT303189		1	1	1	1	1
DieselScan™ Test Kit	AT180344			1	1	1	1
COOLSCAN PLUS™ Test Kit	AT183016			1	1	1	1
3-Way Heavy Duty Coolant Test Kit	TY16175			1	1	1	1

* See operator's manual for recommended oil type and oil viscosities based on operating temperatures

** Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere Dealer.

^a For models 335C, 435C

^b For models 437C

^c For models 530B, 535, 535C

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