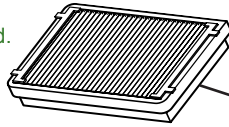


# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 8000 Final Tier 4 (FT4) Series Self-Propelled Forage Harvesters - 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800

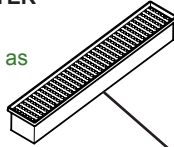
**CAB**  
**RECIRCULATION AIR FILTER**  
[L155288](#)

Clean or replace as required.



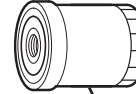
**CAB**  
**FRESH AIR FILTER**  
[RE284091](#)

Clean or replace as required.



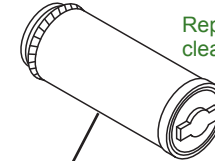
**ENGINE**  
**PRIMARY AIR CLEANER**  
 (8100-8200) [HXE43545](#)  
 (8300-8600) [HXE60966](#)  
 (8700-8800) [AZ104110](#)

Clean as required (up to six times).  
 Replace every 1500 hours.



**ENGINE**  
**SECONDARY AIR CLEANER**  
 (8100-8200) [HXE43546](#)  
 (8300-8600) [HXE60967](#)  
 (8700-8800) [AZ104111](#)

Replace with each primary air cleaner change.

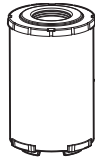


**HYDRAULICS (ProDrive™ only)**

**OIL FILTER**  
[AXE27449](#)

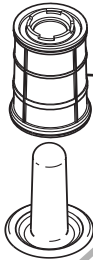
Replace after the first 100 hours, then every 1000 hours and as indicated by Diagnostic Trouble Code.

(Click here for [capacity](#))



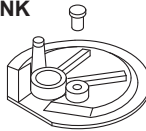
**ENGINE**  
**DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER**  
[RE554498](#)

Replace after the first year, then every 4500 hours or three years, whichever occurs first.



**ENGINE**  
**DIESEL EXHAUST FLUID (DEF) TANK HEADER SUCTION FILTER**  
[DZ103739](#)

Replace as indicated by Diagnostic Trouble Code.



**ENGINE**  
**DIESEL EXHAUST FLUID (DEF) TANK VENT FILTER**  
[H216169](#)

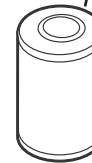
Replace after the first year, then every 4500 hours or three years, whichever occurs first.



**HYDRAULICS**  
**HYDRAULIC RESERVOIR OIL FILTER**  
[AXE27447](#)

Replace every 1000 hours or two years, whichever occurs first, and as indicated by Diagnostic Trouble Code.

(Click here for [capacity](#))



**ENGINE**  
**COOLANT FILTER**  
 (8700-8800) [REC405896500](#)  
 Replace every 250 hours.



**ENGINE**  
**OIL FILTER**  
 (8100-8200) [RE509672](#)  
 (8300-8600) [RE572785](#)  
 (8700-8800) [RE574468](#) - Qty. 2

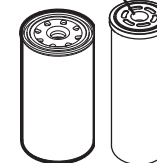
Replace after initial 100 hours, then every 250 hours.  
 If Plus-50™ II oil is used interval may be extended to 500 hours.

(Click here for [capacity](#))



**ENGINE**  
**FUEL FILTER**  
 (8100-8600) [RE539465](#) & [RE533910](#)  
 (8700-8800) [RECFS1976300](#)  
 (8700-8800) [RECFF0578200](#) - Qty. 2

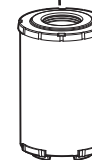
Replace every 500 hours and as indicated by Diagnostic Trouble Code.



**HYDRAULICS**  
**POWER DISTRIBUTION GEAR OIL FILTER**  
[AXE27449](#)

Replace after the first 100 hours, then every 1000 hours and as indicated by Diagnostic Trouble Code.

(Click here for [capacity](#))



**JOHN DEERE**  
 Genuine Parts and Service

# CAPACITIES

## 8000 Final Tier 4 (FT4) Series Self-Propelled Forage Harvesters - 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800

### CAPACITIES (Approximate):

#### Fuel Tank:

8100-8600 .....	1100 L (290 gal)
8700-8800 .....	1500 L (396 gal)

#### DEF Tank:

8100-8600 .....	43 L (11.4 gal)
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#### Cooling System (Complete):

##### Cool-Gard™ II

8100-8200 .....	82 L (21.7 gal)
8300-8600 .....	113 L (29.9 gal)
8700-8800 .....	110 L (29.1 gal)

#### Engine with Filter:

##### Plus-50™ II

8100-8200 .....	37 L (9.8 gal)
8300-8600 .....	58 L (14.8 gal)
8700-8800 .....	64 L (16.9 gal)

#### Transmission (PBS):

##### GL-5

.....	9.6 L (10.1 qt)
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#### Transmission (ProDrive™):

##### Hy-Gard™

.....	13 L (3.4 gal)
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#### Final Drives (Each):

##### GL-5

.....	7.0 L (7.4 qt)
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#### Four-Wheel Drive Rear Axle:

##### GL-5

Differential (Medium Duty) .....	15.5 (4.1 gal)
Differential (Heavy Duty) .....	17 L (4.5 gal)
In Motor Housing .....	1 L (1.1 qt)
Reduction Gear .....	7 L (.74 qt)

#### Two-Wheel Drive Rear Axle:

##### GL-5

Wheel Hub .....	.5 L (.53 qt)
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#### Hydraulic System:

##### Hy-Gard™

Hydraulic Oil Reservoir .....	50 L (13.2 gal)
(Without High Flow Dump Option)	
Hydraulic Oil Reservoir .....	70 L (18.5 gal)
(With High Flow Dump Option)	
Right Feedroll Gearbox .....	6.7 L (7.1 qt)
Left Feedroll Gearbox .....	.7 L (.74 qt)
Header Gearbox (Medium Duty) .....	.87 L (.92 qt)
Header Gearbox (Heavy Duty) .....	1.33 L (1.4 qt)

#### Power Distribution Gear Lubrication System:

##### Hy-Gard™

.....	33 L (8.7 gal)
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#### Brake System (PBS Transmission):

##### DOT3 or DOT4

Brake Fluid .....	1 L (1.1 qt)
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[Return to Filter Overview](#)

