

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 8000 Final Tier 4 (FT4) / Tier 2 Series Self-Propelled Forage Harvesters

8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800

### CAB

RECIRCULATION AIR FILTER [L214634](#)

Clean after every 250 hours and replace as required.

### HYDRAULICS (ProDrive™ only)

OIL FILTER [AXE27449](#)

Replace after the first 100 hours, then every 1000 hours.

(Click here for [capacity](#))

### ENGINE

(8100-8600) DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER [DZ114640](#)

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

### ENGINE

FUEL LINES [H216169](#)

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

### ENGINE

DIESEL EXHAUST FLUID (DEF) TANK VENT FILTER (8100-8600) [H216169](#)

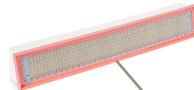
Replace after the first year, then every 4500 hours or three years, whichever occurs first.

### HYDRAULICS

HYDRAULIC RESERVOIR OIL FILTER [AXE27447](#)

Replace after every 1000 hours or two years, whichever occurs first.

(Click here for [capacity](#))



### CAB

FRESH AIR FILTER [RE284091](#)

Clean after every 250 hours and replace as required.



### ENGINE

PRIMARY FUEL FILTER (8100-8600) [RE539465](#)  
(8100-8600) [RECFS1976300](#)  
SECONDARY FUEL FILTER (8100-8600) [DZ112918](#)  
(8100-8600) [RECFF0578200](#) - QTY. 2

Replace after every 500 hours and as required.



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### ENGINE

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

Clean as required and replace after every 1500 hours.



### ENGINE

SECONDARY AIR CLEANER (8100-8200) [HXE43545](#)  
(8300-8600) [HXE60967](#)  
(8700-8800) [AZ104111](#)

Replace with each primary air cleaner change.



### ENGINE

COOLANT FILTER (8700-8800) [REC405896500](#)

Replace after every 250 hours or 6 months whichever occurs first.



### ENGINE

OIL FILTER (8100-8200) [RE509672](#)  
(8300-8600) [RE572785](#)  
(8700-8800) [DZ121669](#) - QTY. 2

Replace after first 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

DIESEL PARTICULATE FILTER (8100-8200) [DZ100174](#)  
(8300-8600) [DZ100175](#)

Replace after 4500 hours.

# CAPACITIES

## 8000 Final Tier 4 (FT4) / Tier 2 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 (2.53 gal)
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#### Transmission (ProDrive™):

##### Hy-Gard™

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

##### GL-5

.....	7 L (1.85 gal)
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#### Four-Wheel Drive Rear Axle:

##### GL-5

Differential (Medium Duty) (8100-8600) .....	15.5 (4.1 gal)
Differential (Heavy Duty) (8700-8800) .....	17 L (4.5 gal)
In Motor Housing .....	1 L (0.26 gal)
Reduction Gear .....	0.7 L (0.19 gal)

#### Two-Wheel Drive Rear Axle:

##### GL-5

Wheel Hub .....	0.5 L (0.13 gal)
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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 (1.77 gal)
Left Feedroll Gearbox .....	1.2 L (0.32 gal)
Header Gearbox (Medium Duty) .....	0.87 L (0.22 gal)
Header Gearbox (Heavy Duty) .....	1.33 L (0.35 gal)

#### 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 (0.26 gal)
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#### Water Tank Capacity:

Reservoir (8100 - 8600) .....	20 L (5.29 gal)
Reservoir (8700 - 8800) .....	16 L (4.2 gal)

#### Additive Dosing System Capacity:

Reservoir (High volume) .....	360 L (95 gal)
Reservoir (Low volume) .....	30 L (8 gal)

#### Air Compressor System Capacity (Optional):

Reservoir .....	40 L (10.6 gal)
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