

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

8000 Final Tier 4 (FT4) / Stage V Series Self-Propelled Forage Harvesters 8100, 8200, 8300, 8400, 8500, 8600

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

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
[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](#))

HYDRAULICS

POWER DISTRIBUTION GEAR
OIL FILTER [AXE27449](#)

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

(Click here for [capacity](#))

CAB

FRESH AIR FILTER [RE284091](#)

Clean after every 250 hours and replace as required.

ENGINE

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

Clean as required and replace after every 1500 hours.

ENGINE

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

Replace with each primary air cleaner change.

ENGINE

OIL FILTER
(8100-8200) [RE509672](#)
(8300-8600) [RE572785](#)

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

PRIMARY FUEL FILTER
[RE539465](#)
SECONDARY FUEL FILTER
[DZ112918](#)

Replace after every 500 hours and as required.

ENGINE

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

Replace after 4500 hours.



JOHN DEERE

Genuine Parts and Service

https://www.deere.com/en_US/parts/parts_by_industry/ag/fmi/filter_maintenance_information.page

CAPACITIES

8000 Final Tier 4 (FT4) / Stage V Series Self-Propelled Forage Harvesters 8100, 8200, 8300, 8400, 8500, 8600

CAPACITIES (Approximate):

Fuel Tank:

8100-8600 1100 L (290 gal)

DEF Tank:

8100-8600 43 L (11.4 gal)

Cooling System (Complete):

Cool-Gard™ II

8100-8200 82 L (21.7 gal)

8300-8600 113 L (29.9 gal)

Engine with Filter:

Plus-50™ II

8100-8200 37 L (9.8 gal)

8300-8600 58 L (14.8 gal)

Transmission (PBS):

GL-5

..... 9.6 L (2.53 gal)

Transmission (ProDrive™):

Hy-Gard™

..... 13 L (3.4 gal)

Final Drives (Each):

GL-5

..... 7 L (1.85 gal)

Four-Wheel Drive Rear Axle:

GL-5

Differential (Medium Duty) (8100-8600) 15.5 (4.1 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)

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)

Brake System (PBS Transmission):

DOT3 or DOT4

Brake Fluid 1 L (0.26 gal)

Water Tank Capacity:

Reservoir (8100 - 8600) 20 L (5.29 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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