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.

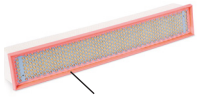
(Click here for **capacity**)



CAB

FRESH AIR FILTER RE284091

Clean after every 250 hours and replace as required.



HYDRAULICS

POWER DISTRIBUTION GEAR OIL FILTER AXE27449

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

(Click here for **capacity**)



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.



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) HXE43546
(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.



March 2021. Subject to change without notice.

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

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)

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)

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)
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)

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)
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)

Return to Filter Overview

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