

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

S700 Series Combines S760, S770, S780, S790

CAB RECIRCULATION AIR FILTER

[L214634](#)
Clean or replace every 200 hours and as required.

CAB FRESH AIR FILTER

[RE284091](#)
Clean or replace every 50 hours and as required.

ProDrive™ Lubrication Filter

[AH128449](#)
Replace within first 100 hours and every 400 hours.

ENGINE PRIMARY AIR FILTER

[HXE11090](#)
[HXE11091](#)

Check every 400 hours. Service Primary Air Filter when engine air filter restricted indicator is shown on display. Check safety filter for plugging.

ENGINE PRIMARY FUEL FILTER (FT4/Stage IV Engine)

[RE539465](#)
[RE533910](#)

Replace every 400 hours and when performance decline is noticed or Diagnostic Trouble Code (DTC) is generated.

ENGINE MAIN ENGINE GEARCASE FILTER (ProDrive™ Transmission)

[AH128449](#)
Replace within first 100 hours and every 400 hours

ENGINE DIESEL EXHAUST FLUID (DEF) DOSING FILTER

[DZ114640](#)
Replace every 4500 hours or every three years of operation, whichever occurs first.

ENGINE DIESEL EXHAUST FLUID (DEF) TANK VENT FILTER (FT4/Stage IV Engine)

[H216169](#)
[H216169](#)
Clean every 250 hours and replace every 400 hours.

ENGINE DIESEL PARTICULATE FILTER (DPF)

(S760, S770)
[DZ100174](#)
(S780, S790)
[DZ100175](#)

See your John Deere™ dealer or qualified service provider.

ENGINE FUEL PRECLEANER FILTER

[R502778](#)
Inspect every 10 hours, clean every 50 hours and every 400 hours or when Diagnostic Trouble Code (DTC) is generated.

HEAVY-DUTY FUEL PRE-CLEANER FILTER (OPTIONAL)

[N378886](#)
Back flush when bowl is half full or when Diagnostic Trouble Code (DTC) is generated. Clean after every fifth back flushing. Replace when light is no longer visible when filter is held up to light.

HYDRAULIC/HYDROSTATIC/ TRANSMISSION

HYDROSTATIC DRIVE PUMP FILTER (ProDrive™ Transmission)

[AN207368](#)
Replace every 400 hours.

HYDROSTATIC CHARGE PUMP FILTER (Non-ProDrive™ Transmission)

[AH128449](#)
Replace every 400 hours

HYDRAULIC RETURN FILTER (Reservoir)(S780, S790)

[AXE12964](#)
Replace every 1000 hours.

ENGINE DEBRIS MANAGEMENT AIR FILTERS (FT4/Stage IV Engine)

[AXE42066](#)

Clean or change as required.

SECONDARY [AXE42065](#)

Never clean the safety filter. Change if dirty. Change Secondary filter only with Primary filter. Change as required with Primary filter.

HYDRAULIC/HYDROSTATIC/ TRANSMISSION

HYDRAULIC RETURN FILTER (S760, S770)

[AT129775](#)
Replace every 400 hours.

ENGINE OIL FILTER (S760, S770) [RE509672](#) (S780, S790) [RE572785](#)

See Operator Manual for recommended service intervals. (Click here for [capacity](#))



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CAPACITIES

S700 Series Combines S760, S770, S780, S790

CAPACITIES (Approximate):

Fuel Tank:

S760, S770	950 L (250 gal)
S780, S790	1,250 L (330 gal)

Cooling System with Heater:

Cool-Gard™ II

S760, S770	53 L (14 gal)
S780, S790 (Tier 2/Stage II)	61.2 L (16.3 gal)
S780, S790 (Tier 3/Stage IIIA and FT4/Stage IV)	85 L (22.5 gal)

Engine Crankcase with Filter:

Plus-50™ II

S760, S770 (Tier 2/Stage II and FT4/Stage IV)	27.5 L (7.3 gal)
S760, S770 (Tier 3/Stage IIIA)	29 L (7.7 gal)
S780, S790 (Tier 2/Stage II and Tier 3/Stage IIIA)	39 L (10.3 gal)
S780, S790 (FT4/Stage IV)	43 L (11.4 gal)

Transmission (Mechanical Shift and Push Button Shift Machines):

GL-5

S760, S770	9.6 L (2.5 gal)
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Engine Gearcase with Transfer (Mechanical Shift and Push Button Shift Machines):

Hy-Gard™

S760, S770	21.3 L (5.6 gal)
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Engine Gearcase with Transfer (ProDrive™ Machines):

Hy-Gard™

S760, S770, S780, S790	51 L (13.5 gal)
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Final Drives:

GL-5

S760, S770, S780, S790	8 L (2.1 gal)
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Countershaft Drive Gearcase (Non-Multi-Speed):

GL-5

S760, S770, S780, S790	1.9 L (0.5 gal)
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Heavy-Duty Feeder House Reverser Gearcase without Cooler:

ISO VG 460 Fully Synthetic

S760, S770	2.3 L (0.6 gal)
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Heavy-Duty Feeder House Reverser Gearcase with Cooler:

ISO VG 460 Fully Synthetic

S760	3.5 L (0.9 gal)
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Extra Heavy-Duty Feeder House Reverser Gearcase without Cooler:

ISO VG 460 Fully Synthetic

S780, S790	3.6 L (0.9 gal)
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Extra Heavy-Duty Feeder House Reverser Gearcase with Cooler:

ISO VG 460 Fully Synthetic

S760, S770	4.9 L (1.29 gal)
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Multi-Speed Feeder House Reverser Gearcase with Cooler (Optional):

ISO VG 460 Fully Synthetic

S770, S780, S790	5.2 L (1.37 gal)
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Loading Auger Gearcase:

GL-5

S760, S770, S780, S790	3.8 L (1 gal)
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Two Speed Separator Drive Gearcase:

GL-5

S760, S770, S780, S790	4.7 L (1.24 gal)
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Diesel Exhaust Fluid (DEF) Tank (Final Tier 4/Stage IV):

John Deere™ Diesel Exhaust Fluid

S760, S770, S780, S790	52.2 L (13.8 gal)
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Premium Overshot Beater Gearcase (if equipped):

GL-5

S770, S780, S790	0.2 L (0.05 gal)
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Hydraulic / Hydrostatic Reservoir:

Hy-Gard™

S760, S770	31 L (8.2 gal)
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S780, S790	47 L (12.4 gal)
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