

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

(-765000) S-Series Combines (iT4) S550, S660, S670, S680, S690

DIESEL PARTICULATE FILTER (DPF)

NOT REQ'D. NON iT4 ENGINE (S550)

[RE542183](#) (S660, S670)

[RE541836](#) (S680, S690)

Service as required according to machine operation. Please see your John Deere or qualified service provider.

DIESEL OXIDATION CATALYST

NOT REQ'D. NON iT4 ENGINE (S550)

[RE541813](#) (S660 - S690)

HYDRAULICS (OPEN CENTER)

HYDRAULIC/MAIN ENGINE GEAR CASE FILTER [AH128449](#)

(S550, S660, S670)

HYDRAULICS (CLOSED CENTER)

(FILTER IN RESERVOIR)

[AXE12964](#) (S680, S690)

Filter change interval for all three filters is 400 hours.

(Click here for [capacity](#))

HYDROSTATIC CHARGE FILTER (CLOSED CENTER)

[AN207368](#) (S680, S690)

(OPEN CENTER W/ProDrive™)

[AN207368](#) (S670)

(OPEN CENTER W/O ProDrive™)

[AH128449](#) (S550, S660, S670)

Replace every 400 hours.

(Click here for [capacity](#))

ENGINE FUEL FILTERS

[RE522878](#) (FINAL S550)

[RE541922](#) (PRE-FILTER S550)

[RE539465](#) (PRIMARY S660 - S690)

[RE533910](#) (SECONDARY S660 - S690)

Replace fuel filters every 400 hours.

ENGINE, AIR, SECONDARY

[AH212295](#) (S550)

[HXE11091](#) (S660 - S690)

Change Secondary filter only with Primary filter. Change annually or as required with Primary Air Filter.

ENGINE OIL FILTER

[RE504836](#) (S550)

[RE509672](#) (S660, S670)

[RE572785](#) (S680, S690)

Supplied with Plus-50™ II oil and a John Deere™ filter, the service interval is 400 hours. If replaced with standard oil the service interval is 250 hours.

(Click here for [capacity](#))

ENGINE, AIR, PRIMARY

[AH222225](#) (S550)

[HXE11090](#) (S660 - S690)

Change every 400 hours and clean or change as required.

FRESH AIR FILTER

[RE284091](#)

Clean or replace every 200 hours and as required.

RECIRCULATION AIR FILTER

[L155288](#)

Clean or replace every 200 hours and as required.

ProDrive™ FILTER (IF EQUIPPED)

[AH128449](#)

Replace after first 100 hours, then every 400 hours.

(Click here for [capacity](#))



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CAPACITIES

(-765000) S-Series Combines (iT4) S550, S660, S670, S680, S690

CAPACITIES (Approximate):

Fuel Tank:

S550	757 L (200 gal)
S660, S670	950 L (250 gal)
S680, S690	1,250 L (330 gal)

Cooling System with Heater:

Cool-Gard™ II

S550, S660, S670	43 L (11.4 gal)
S680, S690	80 L (21.1 gal)

Engine Crankcase with Filter:

Plus-50™ II

S550	32 L (8.5 gal)
S660, S670	27.5 L (7.3 gal)
S680, S690	43 L (11.4 gal)

Transmission:

GL-5

S550, S660, S670	9.6 L (10 qt)
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Final Drives:

GL-5

All Models	8 L (8.5 qt)
S680, S690 (Hillmaster)	7 L (7.4 qt)

Countershaft Drive Gearcase:

GL-5

All Models	1.2 L (1.3 qt)
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Heavy-Duty Feeder House Reverser Gearcase w/out Cooler:

ISO VG 460 Fully Synthetic

S550, S660, S670	2.3 L (2.4 qt)
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Heavy-Duty Feeder House Reverser Gearcase with Cooler:

ISO VG 460 Fully Synthetic

S550, S660	3.5 L (3.7 qt)
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Extra Heavy-Duty Feeder House Reverser Gearcase without Cooler:

ISO VG 460 Fully Synthetic

S680, S690	3.6 L (3.8 qt)
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Multi-Speed Feeder House Reverser with Cooler (Optional):

ISO VG 460 Fully Synthetic

S670, S680, S690	5.2 L (5.5 qt)
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Extra Heavy-Duty Feeder House Reverser Gearcase with Cooler:

ISO VG 460 Fully Synthetic

S660, S670	4.9 L (10.4 qt)
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Loading Auger Gearcase:

GL-5

All Models	3.8 L (4 qt)
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Two Speed Separator Drive Gearcase:

GL-5

S550	2.4 L (2.5 qt)
S660 - S690	4.7 L (5 qt)

Engine Gearcase with Transfer:

Hy-Gard™

S550, S660	21.3 L (5.6 gal)
S670 (Non ProDrive™ Machines)	21.3 L (5.6 gal)
S670, S680, S690 (ProDrive™ Machines)	51 L (13.5 gal)

Premium Overshot Beater Gearcase (if equipped):

GL-5

All Models	0.2 L (0.21 qt)
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Hydraulic/Hydrostatic Reservoir:

Hy-Gard™

S550	35 L (9.2 gal)
S660, S670	31 L (8.2 gal)
S680, S690	47 L (12.4 gal)

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