

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

T670 Combine

FRESH AIR FILTER

[RE284091](#) (MY '12 machines onwards)
[AH115833](#) (Prior to MY '12 machines)

Clean or replace after 50 hours or as required.

RECIRCULATION AIR FILTER

[L214634](#)
 (MY '12 machines onwards)
[H220870](#)
 (Prior to MY '12 machines)

Clean or replace every 200 hours or as required.

ENGINE OIL FILTER

[RE509672](#)

Minimum hours before first engine oil change is 100 hours. Extended engine oil change every 500 hours or annually, whichever come first. The extended 500 hour interval is only allowed if using Plus-50™ II oil with a John Deere filter and diesel fuel with sulfur content less than 15mg/kg (15ppm). If all conditions are not met, change oil and filter at 250 hours of operation.

ENGINE

[RE63932](#) (Tier III engine)
SECONDARY AIR FILTER, TIER 2 – [AH164063](#)
SECONDARY AIR FILTER, SHORT – [RE63932](#)
SECONDARY AIR FILTER, FINAL TIER 4 – [HXE11091](#)

Change secondary filter only with primary filter.

ENGINE FUEL FILTERS

PRIMARY FUEL FILTER (TIER 2) – [RE525523](#)
PRIMARY FUEL FILTER (FINAL TIER 4) – [RE539465](#)
FINAL FUEL FILTER (FINAL TIER 4) – [RE533910](#)
FUEL FILTER - STANDARD – [R502778](#)
 Upto Engine Serial Number (- 096433)
FUEL FILTER - OPTIONAL – [N378886](#)
 Upto Engine Serial Number (- 096433)

Replace fuel filters as required.

ENGINE

PRIMARY AIR FILTER, TIER 2 – [AH164062](#)
PRIMARY AIR FILTER, TIER 2 – [AH148880](#)
PRIMARY AIR FILTER, FINAL TIER 4 – [HXE11090](#)

Service filters only when engine air filter light stays ON or change as required.
 Note: Replace Secondary Filter also with Primary Filter.

ENGINE COOLING FILTER

[DZ100304](#)

DIESEL PARTICULATE FILTER

[RE542183](#) (Final Tier 4/Stage V)
[DZ100174](#) From Engine Serial Number(102000 -)
[RE554498](#) From Engine Serial Number(102000 -)

Replace every 4500 hours or 3 years.

HYDROSTATIC PUMP / ENGINE GEARCASE / HYDRAULIC FILTER

OIL FILTER

[AH128449](#), [AXE43820](#) (only for machines not equipped with ProDrive™)
[AN207368](#), [AXE43821](#) (for machines with ProDrive™)

Replace after first 100 hours
 Replace every 400 hours or yearly
 Note: Replace all three filters at a time.

MAIN HYDRAULIC FILTER

[AL203061](#)

Replace every 400 hours.



CAPACITIES

T670 Combine

CAPACITIES (Approximate):

Fuel Tank:

..... 800 L (211 gal)

Cooling System with Heater:**Cool-Gard™ II**

..... 45 L (11.88 gal)

Engine Crankcase with Filter:**Plus-50™ II**

..... 29 L (7.66 gal)

3-speed Transmission (Mechanical and PBST):**GL-5 or Extreme-Gard™**

..... 9.6 L (2.53 gal)

3-speed Transmission (ProDrive™):**Low Viscosity Hy-Gard™ or Hy-Gard™**

..... 13 L (3.43 gal)

Feeder House Reverser GearCase:**GL-5 or Extreme-Gard™**

..... 2.0 L (0.53 gal)

Countershaft Drive GearCase:**GL-5 or Extreme-Gard™**

..... 1.2 L (0.32 gal)

Cylinder Drive Reduction Gear:

..... 1.2 L (0.32 gal)

Engine Gear Case (Without ProDrive™):**Low Viscosity Hy-Gard™ or Hy-Gard™**

..... 16 L (4.22 gal)

Engine Gear Case (With ProDrive™):**Low Viscosity Hy-Gard™ or Hy-Gard™**

..... 20 L (5.28 gal)

Hydrostatic / Hydraulic Oil Reservoir:**Low Viscosity Hy-Gard™ or Hy-Gard™**

..... 45 L (11.88 gal)

Loading Auger Gear Case on Clean Grain Elevator:**GL-5 or Extreme-Gard™**

..... 3 L (0.79 gal)

Straw Walker Drive Gearcase:**John Deere Corn Head Grease****Final Drives, 10-bolts (Each):****GL-5 or Extreme-Gard™**

..... 7.0 L (1.85 gal)

Final Drives, 20-bolts (Each):**GL-5 or Extreme-Gard™**

..... 25 L (6.6 gal)

Diesel Exhaust Fluid (DEF) Tank:**John Deere™ Diesel Exhaust Fluid**

..... 32 L (8.45 gal)

Overshot Beater Gearcase:**GL-5 or Extreme-Gard™**

..... 0.9 L (0.24 gal)

Rear Axle Differential (Powered Axle Only):**GL-5 or Extreme-Gard™**

..... 24.5 L (6.47gal)

Rear Axle Reduction (Powered Axle Only):**GL-5 or Extreme-Gard™**

..... 0.7 L (0.19 gal)

Rear Axle Wheel Hub (Non-powered Axle Only):**GL-5 or Extreme-Gard™**

..... 0.5 L (0.13 gal)

Water Tank (If Equipped):

..... 10 L (2.64 gal)

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