### FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

**S700 Series Combines S760, S770, S780, S790**

#### CAB
- **Recirculation Air Filter**
  - **Part Number:** L214634
  - **Service:** Clean or replace every 200 hours and as required.

- **Fresh Air Filter**
  - **Part Number:** RE284091
  - **Service:** Clean or replace every 50 hours and as required.

#### ProDrive™ Lubrication Filter
- **Part Number:** AH128449
- **Service:** Replace within first 100 hours and every 400 hours.

#### ENGINE
- **Main Engine Gearcase Filter**
  - **Part Number:** AH128449
  - **Service:** Replace within first 100 hours and every 400 hours.

- **Diesel Exhaust Fluid (DEF) Dosing Filter**
  - **Part Number:** DZ114640
  - **Service:** Replace every 4500 hours or every three years of operation, whichever occurs first.

- **Diesel Exhaust Fluid (DEF) Tank Vent Filter**
  - **Part Number:** H216169
  - **Service:** Clean every 250 hours and replace every 400 hours.

- **Diesel Exhaust Fluid (DEF) Tank Vent Filter**
  - **Part Number:** H216169
  - **Service:** Clean every 250 hours and replace every 400 hours.

- **Oil Filter**
  - **Part Numbers:**
    - **S760, S770:** RE509672
    - **S780, S790:** RE572785
  - **Service:** Clean or change as required.

#### FUEL PRECLEANER FILTER
- **Part Number:** R502778
- **Service:** 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)
- **Part Number:** N378886
- **Service:** 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.

#### ENGINE OIL FILTER
- **Part Numbers:**
  - **S760, S770:** RE509672
  - **S780, S790:** RE572785
- **Service:** See Operator Manual for recommended service intervals. (Click here for capacity)

#### MAIN ENGINE GEARCASE FILTER
- **Part Number:** AH128449
- **Service:** Replace within first 100 hours and every 400 hours.

#### PRIMARY AIR FILTER
- **Part Number:** HXE11090
- **Service:** Check every 400 hours. Service Primary Air Filter when engine air filter restricted indicator is shown on display. Check safety filter for plugging.

#### SECONDARY AIR FILTER
- **Part Number:** HXE11091
- **Service:** Check every 400 hours. Service Secondary Air Filter when engine air filter restricted indicator is shown on display. Check safety filter for plugging.

#### DIESEL PARTICULATE FILTER (DPF)
- **Part Numbers:**
  - **S760, S770:** DZ100174
  - **S780, S790:** DZ100175
- **Service:** See your John Deere™ dealer or qualified service provider.

#### FRESH AIR FILTER
- **Part Number:** RE284091
- **Service:** Clean or replace every 50 hours and as required.

#### DEBRIS MANAGEMENT AIR FILTERS
- **Primary**
  - **Part Number:** AXE42066
  - **Service:** Replace every 400 hours.

- **Secondary**
  - **Part Number:** AXE42065
  - **Service:** As required with Primary filter.

#### ENGINE OIL FILTER
- **Part Numbers:**
  - **S760, S770:** RE509672
  - **S780, S790:** RE572785
- **Service:** See Operator Manual for recommended service intervals. (Click here for capacity)

#### ENGINE HYDROSTATIC PUMP FILTER
- **Part Number:** AN207368
- **Service:** Replace every 400 hours.

#### DIESEL EXHAUST FLUID (DEF) TANK VENT FILTER
- **Part Number:** H216169
- **Service:** Clean every 250 hours and replace every 400 hours.

#### HYDROSTATIC CHARGE PUMP FILTER
- **Part Number:** AH128449
- **Service:** Replace every 400 hours.

#### HYDRAULIC RETURN FILTER
- **Part Number:** AXE12964
- **Service:** Replace every 1000 hours.

#### ENGINE PRIMARY FUEL FILTER
- **Part Number:** RE539465
- **Service:** Replace every 400 hours and when performance decline is noticed or Diagnostic Trouble Code (DTC) is generated.

#### ENGINE SECONDARY FUEL FILTER
- **Part Number:** RE533910
- **Service:** Replace every 400 hours and when performance decline is noticed or Diagnostic Trouble Code (DTC) is generated.

#### ENGINE MAIN ENGINE GEARCASE FILTER
- **Part Number:** AH128449
- **Service:** Replace within first 100 hours and every 400 hours.

#### HYDRAULIC RETURN FILTER
- **Part Number:** AT129775
- **Service:** Replace every 400 hours.

#### HYDRAULIC/HYDROSTATIC/PUMP FILTER
- **Part Number:** AN207368
- **Service:** Replace every 400 hours.

#### HYDRAULIC/HYDROSTATIC/TRANSMISSION
- **Part Number:** AXE12964
- **Service:** Replace every 1000 hours.

#### DEBRIS MANAGEMENT AIR FILTERS
- **Primary**
  - **Part Number:** AXE42066
  - **Service:** Replace every 400 hours.

- **Secondary**
  - **Part Number:** AXE42065
  - **Service:** As required with Primary filter.

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October 2019. Subject to change without notice.

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)

Engine Gearcase with Transfer (Mechanical Shift and Push Button Shift Machines):
Hy-Gard™
S760, S770 ............................................................. 21.3 L (5.6 gal)

Engine Gearcase with Transfer (ProDrive™ Machines):
Hy-Gard™
S760, S770, S780, S790 ........................................... 51 L (13.5 gal)

Final Drives:
GL-5
S760, S770, S780, S790 ........................................... 8 L (2.1 gal)

Countershaft Drive Gearcase (Non-Multi-Speed):
GL-5
S760, S770, S780, S790 ........................................... 1.9 L (0.5 gal)

Heavy-Duty Feeder House Reverser Gearcase without Cooler:
ISO VG 460 Fully Synthetic
S760, S770 ............................................................. 2.3 L (0.6 gal)

Heavy-Duty Feeder House Reverser Gearcase with Cooler:
ISO VG 460 Fully Synthetic
S760 ................................................................. 3.5 L (0.9 gal)

Extra Heavy-Duty Feeder House Reverser Gearcase without Cooler:
ISO VG 460 Fully Synthetic
S780, S790 ............................................................. 3.6 L (0.9 gal)

Extra Heavy-Duty Feeder House Reverser Gearcase with Cooler:
ISO VG 460 Fully Synthetic
S760, S780, S790 .................................................. 4.9 L (1.29 gal)

Multi-Speed Feeder House Reverser Gearcase with Cooler (Optional):
ISO VG 460 Fully Synthetic
S770, S780, S790 .................................................. 5.2 L (1.37 gal)

Loading Auger Gearcase:
GL-5
S760, S770, S780, S790 ........................................... 3.8 L (1 gal)

Two Speed Separator Drive Gearcase:
GL-5
S760, S770, S780, S790 ........................................... 4.7 L (1.24 gal)

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)

Premium Overshot Beater Gearcase (if equipped):
GL-5
S770, S780, S790 .................................................. 0.2 L (0.05 gal)

Hydraulic / Hydrostatic Reservoir:
Hy-Gard™
S760, S770 ............................................................. 31 L (8.2 gal)
S780, S790 ............................................................. 47 L (12.4 gal)