

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## CP690 Cotton Picker

### ENGINE

**SECONDARY FUEL FILTER –**  
**[RE533910](#)**

Replace every 400 hours or annually, whichever occurs first.

### ENGINE

**PRIMARY FUEL FILTER –**  
**[RE539465](#)** (FT4)  
**[RE532952](#)** (TIER 2 & TIER 3)

Replace every 400 hours or annually, whichever occurs first.

### ENGINE

**SECONDARY AIR FILTER –**  
**[AH212295](#)**

Replace every 400 hours or annually, whichever occurs first.

**DIESEL PARTICULATE FILTER (DPF)**

**[RE561844](#)** (055001-) (FT4)  
**[DZ100175](#)** (060001-) (FT4)

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

### ENGINE

**PRIMARY AIR FILTER –**  
**[AH222225](#)**

Replace every 400 hours or as required.

### ENGINE

**FUEL PRECLEANER FILTER**  
**[R502778](#)**

**HEAVY-DUTY FUEL PRECLEANER FILTER**  
**[N378886](#)**

Replace every 400 hours or annually, whichever occurs first.

### ENGINE

**OIL FILTER –**  
**[RE572785](#)**

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.

(Click here for [capacity](#))

### TRANSMISSION

**OIL FILTER –**  
**[AH128449](#)**

Replace every 1000 hours.

(Click here for [capacity](#))

### CAB

**RECIRCULATION AIR FILTER –**  
**[H220870](#)**

Clean or replace every 250 hours or as required. If operating in dusty conditions clean daily.

### CAB

**FRESH AIR FILTER –**  
**[AH115833](#)**

Clean or replace every 50 hours or as required. If operating in dusty conditions clean daily.

### CAB

**LUBRICATION SYSTEM FILTER –**  
**[AN192848](#)** (2)

Replace every 250 hours.

### HYDRAULICS

**PUMP DRIVE GEARBOX OIL FILTER –**  
**[LVA10419](#)**

Replace every 1000 hours.

(Click here for [capacity](#))

### HYDRAULICS

**PUMP FILTER –**  
**[AH128449](#)**

Replace every 1000 hours.

### CHASSIS RETURN OIL FILTER

**–**  
**[AH128449](#)**

Replace every 1000 hours.

(Click here for [capacity](#))

### HYDRAULICS

**PRIMARY RETURN OIL FILTER –**  
**[RE210857](#)**

Replace every 1000 hours.

(Click here for [capacity](#))

### HYDRAULICS

**PROPEL PUMP CHARGE FILTER –**  
**[AN373366](#)**

Replace every 1000 hours.

(Click here for [capacity](#))



**JOHN DEERE**

Genuine Parts and Service

[https://www.deere.com/en\\_US/parts/parts\\_by\\_industry/ag/fmi/filter\\_maintenance\\_information.page](https://www.deere.com/en_US/parts/parts_by_industry/ag/fmi/filter_maintenance_information.page)

# CAPACITIES

## CP690 Cotton Picker

### CAPACITIES (Approximate):

#### Fuel Tank:

..... 1400 L (370 gal)

#### Diesel Exhaust Fuel Tank (Final Tier 4/Stage IV only):

##### John Deere Diesel Exhaust Fluid™

..... 60.5 L (16 gal)

#### Moisture Solution Tank:

##### John Deere Spinole Cleaner™

..... 1363 L (360 gal)

#### Pump Drive Gearbox:

##### Hy-Gard™

..... 15.1 L (4 gal)

#### Cooling System:

##### Cool-Gard™ II

Tier 2 / Stage II ..... 53 L (14 gal)

Tier 3 / Stage III ..... 59 L (15.6 gal)

Final Tier 4 / Stage IV ..... 70 L (18.5 gal)

#### Engine Crankcase (Includes Filter):

##### Plus-50™ II

Tier 2/Stage II and Tier 3/Stage III ..... 39 L (10.3 gal)

Final Tier 4/Stage IV ..... 43 L (11.4 gal)

#### Hydraulic Oil Reservoir:

##### Hy-Gard™

..... 189 L (50 gal)

#### Hydraulic/Hydrostatic System:

##### Hy-Gard™

..... 276 L (73 gal)

#### Transmission/Brake System:

##### Hy-Gard™

..... 19 L (5 gal)

#### Final Drive: (2 used)

##### GL-5

..... 7.8 L (2 gal)

#### Lubrication System Grease Tank:

##### John Deere Spinole Lubricant™

..... 257 L (68 gal)

#### Row Unit Gearcase: (6 used)

##### Hy-Gard™

..... 0.66 L (0.17 gal)

#### Hydraulic Unit Drive Reduction Gearbox (2 Used):

##### Hy-Gard™

..... 0.59 L (0.15 gal)

#### Rear Axle Main Body Housing:

##### GL-5

..... 9.9 L (2.6 gal)

#### Rear Axle Auxiliary Gearbox:

##### GL-5

..... 1.3 L (0.34 gal)

#### Rear Axle Planetary (2 Used):

##### GL-5

..... 3.8 L (1 gal)

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