

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 5R Series (Stage III B) Tractors - 5090R, 5100R, 5115R, 5125R

**ENGINE**  
**SECONDARY FUEL FILTER**  
[RE544394](#)  
Replace every 500 hours.



**ENGINE**  
**DIESEL EXHAUST FLUID INJECTION PUMP** - [RE554498](#)  
MY 20 - [DZ114640](#)  
See your John Deere™ dealer or qualified service provider  
(Click here for [capacity](#))



**ENGINE**  
**PRIMARY AIR FILTER**  
[SU20768](#)  
**SECONDARY AIR FILTER**  
[RE253519](#)  
Service every 1200 hours or as required per conditions..



**ENGINE**  
**OIL FILTER** - [RE504836](#)  
Replace after every 500 hours.  
(Click here for [capacity](#))



**CAB**  
**FRESH AIR FILTER** - [RE198488](#)  
Clean every 600 hours and as required per conditions (if equipped).  
**ACTIVATED CARBON FILTER** - [SJ14288](#)  
Replace after every 250 hours.



**CAB**  
**RECIRCULATION AIR FILTER**  
[RE195491](#)  
Clean every 600 hours, and as required per conditions (if equipped).



**TRANSMISSION**  
**HYDRAULIC FILTER**  
**OPEN CENTER** - [SJ11784](#)  
Replace after 100 hours and every 600 hours and 1200 hours.  
**CLOSED CENTER** - [RE577060](#)  
MY 20 - [RE577612](#)  
Replace after every 1500 hours.  
(Click here for [capacity](#))



**ENGINE**  
**PRIMARY FUEL FILTER** - [RE546336](#)  
Replace every 500 hours.



**ENGINE**  
**OPEN CRANKCASE VENTILATION (OCV) FILTER**  
[DZ105796](#), [DZ105100](#)  
Replace after every 1500 hours.



# CAPACITIES

## 5R Series (Stage III B) Tractors - 5090R, 5100R, 5115R, 5125R

### CAPACITIES (Approximate):

#### **Fuel Tank:**

..... 178 L (47 gal)

#### **Cooling System:**

##### **Cool-Gard™ II**

..... 16.1 L (4.25 gal)

#### **Engine Crankcase With Filter:**

##### **Plus-50™ II**

..... 11.6 L (3.1 gal)

#### **Transmission/Hydraulics:**

##### **Hy-Gard™**

Closed Center..... 47.5 L (12.5 gal)

Open Center..... 44.5 L (11.75 gal)

#### **Mechanical Front Wheel Drive (MFWD) Axle Housing:**

##### **MFWD Differential Housing**

..... 5.0 L (1.3 gal)

#### **Mechanical Front Wheel Drive (MFWD) Hubs (Each):**

##### **Hy-Gard™**

..... 0.8 L (0.21 gal)

#### **Suspended Front Axle Differential Housing:**

##### **Hy-gard™**

..... 2.2 L (0.6 gal)

#### **Suspended Front Axle Wheel Hub (Each):**

##### **Hy-gard™**

..... 0.6 L (0.16 gal)

#### **Front PTO:**

##### **J20D**

..... 3.1 L (0.8 gal)

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