FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES
7R Tractor(s) Final Tier 4 (FT4) (110101-) - 7R 210, 7R 230, 7R 250, 7R 270, 7R 290, 7R 310 And 7R 330

ENGINE
PRIMARY FUEL FILTER
FILTER ELEMENT (9L) - RE539465
FILTER ELEMENT (6.8L) - RE551507
Replace every 500 hours.

SECONDARY FUEL FILTER
FILTER ELEMENT (9L) - RE53910
FILTER ELEMENT (6.8L) - RE560681
Replace every 500 hours.

ENGINE
SECONDARY AIR FILTER
FILTER ELEMENT (9L) - RE533910
FILTER ELEMENT (6.8L) - RE560681
Replace every 500 hours.

SECONDARY FUEL FILTER
FILTER ELEMENT (9L) - RE53910
FILTER ELEMENT (6.8L) - RE560681
Replace every 500 hours.

ENGINE
ENGINE OIL FILTER
FILTER ELEMENT (9L) - RE509672
FILTER ELEMENT (6.8L) - RE539279
Initial oil change is 100 hours, then every 500 hours and annually. The extended 500 hours 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 the conditions are not met, change oil and filter at 250 hours of operation.

ENGINE
OCV FILTER ELEMENT (6.8L) - DZ105100
Initial change at 250 hours, then replace every 1500 hours.

ENGINE
PRIMARY AIR FILTER - LVU14258
Initial change at 250 hours, then replace every 1500 hours.

ENGINE
SECONDARY AIR FILTER - RE564863, F071151
Inspect annually and replace as indicated by indicator light or Diagnostic Trouble Code (DTC) on display. (Interval may vary according to operating conditions).

ENGINE
FUEL WATER SEPARATOR FILTER (IF EQUIPPED) - AT365869
Clean after every fifth back flushing of water separator assembly.

ENGINE
DEF TANK VENT FILTER - H216169

CAB
FRESH AIR FILTER - RE284091
Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

CAB
RECIRCULATION AIR FILTER - RE593819
Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

CAB
FUEL TANK VENT FILTER - H216169

CAB
(DEF) OIL FILTER - RE269061
Replace every 1500 hours.

ENGINE
OIL FILTER - RE577612
Replace every 1500 hours.

ENGINE
FUEL WATER SEPARATOR FILTER (IF EQUIPPED) - AT365869
Clean after every fifth back flushing of water separator assembly.

ENGINE
(DEF) TANK VENT FILTER BREather - H216169

HYDRAULIC / TRANSMISSION
OIL FILTER - RE577612

John Deere Genuine Parts and Service

April 2020. Subject to change without notice.

### CAPACITIES

**7R Tractor(s) Final Tier 4 (FT4) (110101-) - 7R 210, 7R 230, 7R 250, 7R 270, 7R 290, 7R 310 And 7R 330**

#### CAPACITIES (Approximate):

**Cooling System:**
- **Cool-Gard™ II**
  - 7R 210, 230, 250, 270: 39.5 L (10.4 gal)
  - 7R 290, 310, 330: 44.5 L (11.75 gal)

**Engine Crankcase Oil Volume, Including Filter:**
- 7R 210, 230, 250, 270: 26 L (6.8 gal)
- 7R 290, 310, 330: 23 L (6 gal)

**Fuel Tank:**
- **e23™**
  - 463 L (122 gal)
- **IVT™/AutoPowr™**
  - 513 L (135 gal)

**DEF Tank:**
- 26.2 L (6.9 gal)

**Final Drive (Each):**
- With Brakes / Without Brakes: 3.8 L (1 gal)

**Transmission / Hydraulic System:**
- e23™ and IVT™/AutoPowr™: 160 L (42.3 gal)
- Front PTO Oil: 4 L (1.1 gal)

**TLS™ Plus Axle:**
- With Differential Lock: 10.8 L (2.8 gal)
- With Limited Slip: 14.4 L (3.8 gal)

**1150, 1300 MFWD Axle:**
- 14.4 L (3.8 gal)

*Return to Filter Overview*