

# 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, 7R 330 And 7R 350



**ENGINE**  
**PRIMARY FUEL FILTER**  
**FILTER ELEMENT (9L) - [RE539465](#)**  
**FILTER ELEMENT (6.8L) - [DZ115391](#)**  
 Replace after every 500 hours, or as indicated, whichever occur first.

**ENGINE**  
**ENGINE OIL FILTER**  
**FILTER ELEMENT (9L) - [RE509672](#)**  
**FILTER ELEMENT (6.8L) - [RE539279](#)**  
 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 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**  
**OPEN CRANKCASE VENTILATION**  
**FILTER ELEMENT (6.8L) - [DZ105100](#)**  
 Replace after every 1500 hours.

**ENGINE**  
**FRONT PTO OIL FILTER - [LVU14258](#)**  
 Initial change at 250 hours, then replace every 1500 hours.

**ENGINE**  
**PRIMARY AIR FILTER - [RE564863](#)**  
 Replace after every 1000 hours, or annually as indicated, whichever occur first. (Interval may vary according to operating conditions).

**ENGINE**  
**SECONDARY FUEL FILTER**  
**FILTER ELEMENT (9L) - [DZ112918](#)**  
**FILTER ELEMENT (6.8L) - [DZ115392](#)**  
 Replace after every 500 hours, or as indicated, whichever occur first.

**ENGINE**  
**SECONDARY AIR FILTER - [F071151](#)**  
 Replace after every 1000 hours, annually or as indicated, whichever occur first. (Interval may vary according to operating conditions).

**ENGINE**  
**FUEL WATER SEPERATOR FILTER (IF EQUIPPED) - [AT365869](#)**  
 Replace after every 500 hours.

**ENGINE**  
**DEF INLINE FILTER - [DZ110513](#)**  
 Replace after every 3000 operating hours or 3 years, whichever comes first.

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

**SCV**  
**OIL FILTER - [RE269061](#)**  
 Replace after every 1500 hours.

**ENGINE**  
**FUEL TANK VENT FILTER - [H216169](#)**  
 Replace after every 1500 hours.

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

**AIR DRYER**  
**FILTER ELEMENT - [HXE135862](#)**  
 Replace filter at least every 2 years, regardless of operating hours.

**ENGINE**  
**DEF TANK VENT FILTER - [H216169](#)**  
 Replace after every 1500 hours.

**HYDRAULIC OIL FILTER ELEMENT - [RE577612](#)**  
 Replace after every 1500 hours.

**ENGINE**  
**DEF SUPPLY MODULE FILTER - [DZ114640](#)**  
 Replace after every 3000 operating hours or 3 years, whichever comes first.



# CAPACITIES

## 7R Tractor(s) Final Tier 4 (FT4) (110101-) - 7R 210, 7R 230, 7R 250, 7R 270, 7R 290, 7R 310, 7R 330 And 7R 350

### CAPACITIES (Approximate):

#### Cooling System:

##### Cool-Gard™ II

7R 210, 230, 250, 270 ..... 39.5 L (10.4 gal)

7R 290, 310, 330, 350 ..... 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, 350 ..... 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)

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