

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

8R Tractor(s) Final Tier 4 (FT4) (160001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

## PRIMARY AIR FILTER

**FILTER ELEMENT (9L) - [RE596317](#)**

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).

## FUEL WATER SEPERATOR FILTER (IF EQUIPPED)

**FILTER ELEMENT - [AT365869](#)**

Replace after every 500 hours.

## ENGINE

### SECONDARY FUEL FILTER

**FILTER ELEMENT (9L) - [DZ112918](#)**

Replace after every 500 hours, or as indicated, whichever occur first.

## ENGINE

### ENGINE OIL FILTER

**FILTER ELEMENT (9L) - [RE509672](#)**

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.

## ENGINE

### PRIMARY FUEL FILTER

**FILTER ELEMENT (9L) - [RE539465](#)**

Replace after every 500 hours, or as indicated, whichever occur first..

## ENGINE

### DEF SUPPLY MODULE FILTER - [DZ114640](#)

Replace after every 3000 operating hours or 3 years, whichever comes first.

## SECONDARY AIR FILTER

**FILTER ELEMENT (9L) - [RE596318](#)**

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).

## 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 every 1500 hours.

## ENGINE

**FUEL TANK VENT FILTER - [H216169](#)**

Replace after every 1500 hours.

## AIR DRYER

**FILTER ELEMENT - [AL204884](#)**

Replace filter at least every 2 years, regardless of operating hours.

## CAB

**RECIRCULATION AIR FILTER - [RE593819](#)**

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

**HYDRAULIC OIL FILTER ELEMENT - [RE596661](#)**

Replace after every 1500 hours.

## ENGINE

**DEF TANK VENT FILTER - [H216169](#)**

Replace after every 1500 hours.

## ENGINE

**DEF INLINE FILTER [DZ110513](#)**

Replace after every 3000 operating hours or 3 years, whichever comes first.



**JOHN DEERE**

Genuine Parts and Service

# CAPACITIES

## 8R Tractor(s) Final Tier 4 (FT4) (160001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

### CAPACITIES (Approximate):

#### Fuel Tank

..... 727 L (192 gal)

#### DEF Tank

..... 37.2 L (9.8 gal)

#### Cooling System

##### Cool-Gard™ II

..... 42.3 L (11.2 gal)

#### Engine Crankcase Oil Volume:

1300 MFWD 8R 230, 8R 250, 8R 280..... 25.7 L (6.8 gal)

1500 MFWD ..... 27.6 L (7.3 gal)

ILS™ ..... 25.8 L (6.8 gal)

#### Auxiliary Reservoir Volume:

##### Oil Needed at Fill (If Equipped)

Left - Hand Tank ..... 21.8 L (5.7 gal)

Right - Hand Tank ..... 37.5 L (9.9 gal)

##### Usable take-out Oil ( If Equipped)

Left - Hand Tank ..... 18 L (4.7 gal)

Right - Hand Tank ..... 32 L (8.5 gal)

### Transmission / Differential / Hydraulic System:

1300 MFWD, 8R 230, 8R 250, 8R 280..... 180 L (47.5 gal)

1500 MFWD ..... 184 L (48.6 gal)

ILS™ ..... 199 L (52.6 gal)

### Axle Housing:

1300 MFWD, 8R 230, 8R 250, 8R 280..... 13.6 L (3.6 gal)

1500 MFWD ..... 18.7 L (4.9 gal)

### Final Drive (Each):

#### MFWD

1300 / 1500..... 3.8 L (1 gal)

#### ILS™

8R 230, 8R 250, 8R 280, 8R 310 ..... 3.8 L (4 qt)

8R 340, 8R 370, 8R 410..... 5.6 L (5.9 qt)

[Return to Filter Overview](#)

