# Filter Overview with Service Intervals and Capacities

## 8RT Tractor(s) Final Tier 4 (FT4) (923001-) - 8RT 310, 8RT 340, 8RT 370 and 8RT 410

### Cab
- **Right Fuel Vent**: 
  - **Replacement Interval**:
    - After every 1500 hours.

### Engine
- **Secondary Air Filter**: 
  - **Replacement Interval**:
    - After every 1000 hours, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).

- **Primary Air Filter**: 
  - **Replacement Interval**:
    - After every 1000 hours, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).

- **Fuel Water Separation Filter (if equipped)**: 
  - **Replacement Interval**:
    - After every 500 hours.

### Engine Oil Filter
- **Replacement Interval**:
  - Minimum hours before first engine oil change: 100 hours. Extended engine oil change every 500 hours or annually, whichever comes 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.

### Hydraulic Steering Filter
- **Replacement Interval**:
  - After every 1500 hours.

### Fresh Air Filter
- **Replacement Interval**:
  - After every 500 hours.

### Secondary Fuel Filter
- **Replacement Interval**:
  - After every 500 hours, or as indicated, whichever occurs first.

### Primary Fuel Filter
- **Replacement Interval**:
  - After every 500 hours, or as indicated, whichever occurs first.

### Rear Cab Filter
- **Fresh Air Filter**: 
  - **Replacement Interval**:
    - After every 1000 hours.

- **Recirculation Air Filter**: 
  - **Replacement Interval**:
    - After every 1000 hours or annually, whichever occurs first.

### Recirculation Air Filter
- **Replacement Interval**:
  - After every 1000 hours or annually, whichever occurs first.

### DEF Tank Vent Filter
- **Replacement Interval**:
  - After every 1500 hours.

### Suspension Compressor Filter
- **Replacement Interval**:
  - At 1500 operating hours or annually, whichever comes first.

### Pilot Filter
- **Replacement Interval**:
  - After every 1500 hours.

### Left Fuel Vent
- **Replacement Interval**:
  - After every 1500 hours.

### DEF Supply Module Filter
- **Replacement Interval**:
  - After every 3000 hours or every 3 years, whichever occurs first.

### DEF Inline Filter
- **Replacement Interval**:
  - After every 3000 hours or every 3 years, whichever occurs first.

### Hydraulic Oil Filter Element
- **Replacement Interval**:
  - After every 1500 hours.

- **Replacement Interval**:
  - After every 1500 hours.

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September 2020. Subject to change without notice.

CAPACITIES (Approximate):

**Fuel Tank:**

764 L (202 gal)

**DEF Tank:**

31.3 L (8.3 gal)

**Cooling System:**

Cool-Gard™ II

42.3 L (11.2 gal)

**Transmission / Hydraulics / differential System:**

Hy-Gard™

197 L (52 gal)

**Engine Crankcase Oil Volume:**

Plus-50™ II

25.7 L (6.8 gal)