## FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

### 9RT Interim Tier 4 (IT4) Series Track Tractors - 9460RT, 9510RT, 9560RT

### CAB
- **Recirculation Filter** - [RE291412](#) [RE333569](#) (Carbon)
  - Replace after every 1000 hours or annually, whichever occurs first.
  - *(Interval may vary according to operating conditions.)*

### Diesel Particulate Filter (DPF) (IT4 only)
- [RE541836](#)
  - Service as indicated by machine.
  - See your John Deere™ dealer or qualified service provider.

### Engine
- **Secondary Air Filter** - [RE230985](#)
  - Replace annually.
  - *(Interval may vary according to operating conditions.)*

### Engine
- **Primary Air Filter** - [RE312946](#)
  - Replace annually.
  - *(Interval may vary according to operating conditions.)*

### Engine
- **OIL Filter** - [RE572785](#)
  - Initial oil and filter change at 100 hours, then after every 500 hours or annually, whichever occurs 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 the conditions are not met, change oil and filter at 250 hours of operation.
  - *(Click here for capacity)*

### Engine
- (IT4 only)
  - **Primary Fuel Filter** - [RE539465](#)
  - Secondary Fuel Filter - [RE533910](#)
  - **TIER 2 Australia 6135RW201 (9460RT, 9510RT, 9560RT)**
  - **Primary Fuel Filter** – [RE532952](#)
  - Secondary Fuel Filter – [RE533910](#)
  - Replace after every 500 hours or as indicated, whichever occurs first.

### Engine
- **Fuel Water Separator Filter (If equipped)** - [N378886](#)
  - Clean after every 500 hours, then after every fifth back flushing of water separator assembly or as necessary.

### Engine
- **Fuel Tank Vent Filter** - [H216169](#)
  - Clean after every 1000 hours and replace after every 1500 hours.
  - *(Interval may vary according to operating conditions.)*

### HYDRAULICS
- **Rear Axle Filter** - [RE577060](#)
  - Replace after every 1500 hours.
  - *(Interval may vary according to operating conditions.)*

### HYDRAULICS
- **Steering Filter** - [RE577250](#)
  - Replace after every 1500 hours.
  - *(Interval may vary according to operating conditions.)*

### CAB
- **Fresh Air Filter** - [RE284091](#) [RE333567](#) (Carbon)
  - Replace after every 1000 hours or annually, whichever occurs first.
  - *(Interval may vary according to operating conditions.)*

### CAB
- **Recirculation Filter** - [RE291412](#) [RE333569](#) (Carbon)
  - *(Interval may vary according to operating conditions.)*

### HYDRAULICS
- **Hydraulic Oil Filter** - [RE577060 X2](#)
  - Replace after every 1500 hours.
  - *(Interval may vary according to operating conditions.)*
  - *(Click here for capacity)*

### TRANSMISSION
- **Oil Filter** - [RE577060](#)
  - Replace after every 1500 hours.
  - *(Interval may vary according to operating conditions.)*
  - *(Click here for capacity)*
### CAPACITIES (Approximate):

**Fuel Tank**
- 1287 L (340 gal)

**Cooling System:**
- Cool-Gard™ II
  - IT4/ Stage III B: 55.1 L (14.6 gal)
  - Tier2/ Stage II: 42 L (11.1 gal)

**Crankcase with Filter:**
- Plus-50™ II
  - IT4/ Stage III B: 48 L (12.7 gal)
  - Tier2/ Stage II: 60 L (15.8 gal)

### 18-Speed Powershift Transmission/Hydraulic/Axle System:

**Hy-Gard™**
- Hydraulic Reservoir Volume Reference Marks
  - Full - Hot: 131.4 L (34.7 gal)
  - Full - Cold: 100.2 L (26.5 gal)
  - Min Cold: 88.9 L (23.5 gal)
  - Do Not Start: 66.8 L (17.5 gal)

**PowerShift™ Transmission/Hydraulic Reservoir/Rear Axle:**

**Hy-Gard™**
- Total System Volume (Standard Flow): 299.5 L (79.1 gal)
- Total System Volume (High Flow): 310.9 L (82.1 gal)
- Fill Volume Reservoir (Standard Flow): 100.7 L (26.6 gal)
- Fill Volume Reservoir (High Flow): 112.0 L (29.6 gal)
- Fill Volume Powershift Transmission: 37.9 L (10 gal)
- Fill Volume Rear Axle: 160.9 L (42.5 gal)
- Additional Volume for PTO: 3.8 L (1.0 gal)
- Additional Volume for Hitch: 3.8 L (1.0 gal)
- Additional Volume Prefill 75cc Hydraulic Pump: 3.8 L (1.0 gal)
- Additional Volume Prefill 45cc High Flow Hydraulic Pump: 3.8 L (1.0 gal)
- Additional Volume Prefill Tracks Steering Pump: 3.8 L (1.0 gal)
- Additional Volume Prefill Powershift Transmission: 3.8 L (1.0 gal)
- Additional Volume Prefill Hitch: 3.8 L (1.0 gal)
- Additional Volume Prefill Rears: 3.8 L (1.0 gal)
- Additional Volume Prefill 75cc Hydraulic Pump: 3.8 L (1.0 gal)
- Additional Volume Prefill 45cc High Flow Hydraulic Pump: 3.8 L (1.0 gal)
- Additional Volume Prefill Tracks Steering Pump: 3.8 L (1.0 gal)