

# 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.)*

## 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.)*

**DIESEL PARTICULATE FILTER (DPF)  
(IT4 ONLY) - [RE541836](#)**

Replace within 250 hours after warning light indicators  
are illuminated.  
See your John Deere™ dealer or qualified service  
provider.

## 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](#))

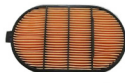
## ENGINE

(IT4 ONLY)

**PRIMARY FUEL FILTER - [RE539465](#)  
SECONDARY FUEL FILTER - [DZ112918](#)**

**TIER 2 (9460RT, 9510RT, 9560RT)  
PRIMARY FUEL FILTER - [RE532952](#)  
SECONDARY FUEL FILTER - [DZ112918](#)**

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



## ENGINE

**FUEL WATER SEPARATOR FILTER  
(If equipped) - [N378886](#)**

Clean after every 500 hours.

## HYDRAULICS

**HYDRAULIC OIL FILTER - [RE577612](#)**

Replace after every 1500 hours or as indicated,  
whichever comes first.

(Click here for [capacity](#))

## CAB

**FRESH AIR FILTER - [RE284091](#)  
[RE333567](#) (Carbon)**

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

## ENGINE

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

Replace after 1500 hours or 1 year  
whichever occurs first.

## TRANSMISSION

**OIL FILTER - [RE577612](#)**

Replace after every 1500 hours.  
*(Interval may vary according to operating  
conditions.)*

(Click here for [capacity](#))

## HYDRAULIC

**REAR AXLE FILTER - [RE577612](#)**

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.)*

(Click here for [capacity](#))



**JOHN DEERE**

Genuine Parts and Service

[http://www.deere.com/en\\_US/parts/parts\\_by\\_industry/ag/fmi/filter\\_maintenance\\_information.page](http://www.deere.com/en_US/parts/parts_by_industry/ag/fmi/filter_maintenance_information.page)

# CAPACITIES

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

### 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™ Transmisson/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 Transmisson..... 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)

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