

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 8RT (912001- 920000) Final Tier 4 (FT4) Series Track Tractors – 8320RT, 8345RT, 8370RT

### HYDRAULIC/TRANSMISSION OIL FILTER

[RE210857](#)

Replace after every 1500 hours.

(Click here for [capacity](#))

### HYDRAULIC STEERING FILTER

[RE577250](#)

Replace after every 1500 hours.

(Click here for [capacity](#))

### CAB RECIRCULATION AIR FILTER

[RE291412](#)

[RE333569](#) (Carbon)

Replace after every 1000 hours or annually, whichever occurs first.

(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.)

### ENGINE FUEL TANK VENT FILTER

[H216169](#)

Clean after every 1000 hours and replace after every 1500 hours. (Interval may vary according to operating conditions.)

### SCV OIL FILTER –

[RE269061](#)

### ENGINE DEF TANK HEADER FILTER

[DZ111004](#) (25 MICRON)  
[DZ104870](#) (40 MICRON)

Replace after every 4500 hours.

### DRIVES SUSPENSION COMPRESSOR FILTER

[R556122](#) (Use with compressor [RE579190](#))  
[A81682](#) (Use with compressor [RE330144](#) or [RE248068](#))

Clean after every 250 hours. Replace after every 1500 hours, annually, or as indicated, whichever occurs first.

### ENGINE SECONDARY AIR FILTER

[RE587794](#) (TSN 912001-915238); Filter Housing [RE325735](#)  
[RE587792](#) (TSN 915239-); Filter Housing [RE580335](#)

Replace with every second replacement of primary filter.

### ENGINE PRIMARY AIR FILTER

[RE587793](#) (TSN 912001-915238); Filter Housing [RE325735](#)  
[RE587791](#) (TSN 915239-); Filter Housing [RE580335](#)

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

### 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

#### (Engine Option Code 3527, 3521) PRIMARY FUEL FILTER - [RE539465](#) FINAL FUEL FILTER - [RE533910](#)

(Engine Option Code 3523, 3530) FUEL FILTER KIT- [RE525523](#) (Includes both primary and final fuel filters)

Replace after every 500 hours. Always replace both filters at same time.

### ENGINE

#### OIL FILTER

[RE509672](#)

Initial oil and filter change at 100 hours and then after 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.

(Click here for [capacity](#))

### ENGINE

#### DIESEL PARTICULATE FILTER (DPF)

[RE561836](#) (Engine Option Code 6129, 6153, 6162)  
[RE525523](#) (Engine Option Code 3523, 3530, 9901)  
[DZ100484](#) (Engine Option Code 6182, 61BC, 61AY)  
[DZ100174](#) (Engine Option Code 6168, 6171, 6164)  
[RE561840](#) (Engine Option Code 6143)

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

### ENGINE

#### DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER

[RE554498](#)

Replace after every 4500 hours.

### ENGINE

#### (DEF) TANK VENT FILTER BREATHER [H216169](#)

Replace filter after first year of operation and every THREE years thereafter or 4500 hours, whichever occurs first.



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# CAPACITIES

## 8RT (912001- 920000) Final Tier 4 (FT4) Series Track Tractors – 8320RT, 8345RT, 8370RT

### CAPACITIES (Approximate):

#### Fuel Tank:

..... 758 L (200.2 gal)

#### Diesel Exhaust Fluid (DEF) Tank: John Deere™ Diesel Exhaust Fluid

Normal usage volume..... 25.3 L (6.7 gal)

Usable volume..... 27.9 L (7.4 gal)

#### Cooling System:

##### Cool-Gard™ II

..... 43.8 L (11.6 gal)

#### Transmission/Hydraulics/Differential:

##### Hy-Gard™

..... 180 L (47.5 gal)

#### Crankcase:

##### Plus-50™ II

..... 25 L (6.8 gal)

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