

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 5100ML, 5115ML and 5125ML Low-Profile Utility Tractors

### ENGINE

**OIL FILTER**  
[RE504836](#)

Replace after initial 100 hours, then every 250 hours or annually. If Plus-50™ oil and John Deere™ filter is used, interval may be extended to 500 hours.

(Click here for [capacity](#))



### ENGINE

**OPEN CRANKCASE VENTILATION (OCV) FILTER**  
 (4045 IT4/FT4 ENGINE) [DZ105796](#)  
 (6068 IT4/FT4 ENGINE) [DZ105100](#)  
 Replace as required.



**HYDRAULIC OIL FILTER**  
[SJ11784](#)

Replace after 100 hours, then every 600 hours.

(Click here for [capacity](#))



### ENGINE

**PRIMARY AIR FILTER**  
[SU20768](#)

Service every 1200 hours or as required per conditions.



### ENGINE

**SECONDARY AIR FILTER**  
[RE253519](#)

Service every 1200 hours or as required per conditions.



### ENGINE

**DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER**  
 FT4 - [RE554498](#), [DZ114640](#)

Replace within first five years and every 4500 hours.



### ENGINE

**PRIMARY FUEL FILTER**  
 IT4 - [RE541922](#)

FT4 - [DZ115391](#)

Service after 10 hours, then replace every 500 hours.



### ENGINE

**SECONDARY FUEL FILTER**  
 IT4 - [RE544394](#)

FT4 - [DZ115390](#)

Service after 10 hours, then replace every 500 hours.



### TRANSMISSION

**OIL FILTER**  
 (5100ML(JK700001-), 5125ML(JK700001-), 5115ML(JK700001-) - [RE577612](#)

Replace after 100 hours, then every 600 hours.



### ENGINE

**DIESEL PARTICULATE FILTER (DPF)**  
 (5100ML(4045HLV70)) (- 016794)  
[RE568454](#)

Replace as required.

### ENGINE

**DIESEL EXHAUST FLUID (DEF) TANK VENT FILTER**  
[H216169](#)

Clean every 1200 hours. Replace if damaged.



**JOHN DEERE**

Genuine Parts and Service

# CAPACITIES

## 5100ML, 5115ML and 5125ML Low-Profile Utility Tractors

### CAPACITIES (Approximate):

#### Fuel Tank:

iT4..... 153 L (40.4 gal)

#### FT4

5125ML..... 144 L (38 gal)

5100ML, 5115ML..... 112 L (29.6 gal)

#### Cooling System:

##### Cool-Gard™ II

iT4..... 19 L (5 gal)

#### FT4

(PowrReverser™ Transmission)..... 11.7 L (3.1 gal)

(PowrQuad™ Transmission) ..... 13.8 L (3.6 gal)

#### Crankcase including Filter:

##### Plus-50™ II

iT4..... 13 L (3.4 gal)

FT4 ..... 12.1 L (3.2 gal)

#### Hydraulic/Transmission System:

##### Hy-Gard™

iT4..... 53 L (14 gal)

FT4 ..... 39.4 L (10.4 gal)

#### Front Wheel Drive Axle:

##### Hy-Gard™

iT4 Wheel Hub (Each) ..... 0.8 L (0.21 gal)

FT4 Wheel Hub (Each)..... 2.3 L (0.60 gal)

iT4 Axle Housing..... 5 L (1.32 gal)

FT4 Axle Housing ..... 4.5 L (1.18 gal)

#### DEF Tank:

##### John Deere Diesel Exhaust Fluid™

..... 12 L (3.2 gal)

[Return to Filter Overview](#)

