

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

5M Series Tractors - 5090M (ME000001- ), 5100M (ME000001- ) and 5115M (ME000001- ) (Stage V) (Europe Edition)

**CAB**  
RECIRCULATION AIR FILTER  
[RE195491](#)

Clean every 600 hours, annually, and replace as required per conditions (if equipped).

**CAB**  
FRESH AIR FILTER  
[RE198488](#), [R198887](#)  
Clean every 600 hours, annually, and replace as required per conditions (if equipped).

**ENGINE**  
DIESEL PARTICULATE FILTER (DPF)  
[DZ104592](#)

See your John Deere™ dealer or qualified service provider.

(Click here for [capacity](#))

**ENGINE**  
PRIMARY FUEL FILTER  
[RE546336](#)  
FINAL FUEL FILTER  
[DZ115390](#)  
Replace after every 500 hours.

**ENGINE**  
PRIMARY AIR FILTER  
[SU20768](#)  
SECONDARY AIR FILTER  
[RE253519](#)

Service every 1200 hours or as required.

**ENGINE**  
OPEN CRANKCASE VENT (OCV) FILTER  
[DZ105100](#)  
Clean after every 600 hours and replace annually.  
(Click here for [capacity](#))

**HYDRAULIC**  
HYDRAULIC FILTER OPEN CENTER  
[SJ11784](#)

Replace after 100 hours and every 600 hours.

(Click here for [capacity](#))

**ENGINE**  
OIL FILTER - [RE504836](#)  
(If John Deere Plus-50™ II oil and John Deere filter are used) Replace initially after 100 hours and after every 500 hours for (2.9 Liter 3 Cylinder Engine).  
Replace after every 500 hours for (4.5 Liter 4 Cylinder Engine) For all other brands of oil or filters. Replace after every 150 hours for (2.9 Liter 3 Cylinder Engine), after every 250 hours for (4.5 Liter 4 Cylinder Engine) .  
(Click here for [capacity](#))

**ENGINE**  
DIESEL EXHAUST FLUID (DEF) INJECTION PUMP  
[DZ114640](#)  
Replace after every 1500 hours.



[http://www.deere.com/en\\_US/parts/service/support/filter/overviews](http://www.deere.com/en_US/parts/service/support/filter/overviews)

# CAPACITIES

5M Series Tractors - 5090M (ME000001- ), 5100M (ME000001- ) and 5115M (ME000001- ) (Stage V) (Europe Edition)

## CAPACITIES (Approximate):

### Fuel Tank:

Cab ..... 165.4 L (43.5 gal)

OOS ..... 142.7 L (37.5 gal)

### DEF Tank Capacity:

..... 12 L (3.17 gal)

### Cooling System:

#### Cool-Gard™ II

Cab ..... 22 L (5.8 gal)

OOS ..... 19.5 L (5.2 gal)

### Engine Crankcase With Filter:

#### Plus-50™ II

(2.9 L 3 Cylinder) ..... 8.5 L (2.2 gal)

(4.5 L 4 Cylinder) ..... 13 L (3.4 gal)

### Transmission/Hydraulics:

#### Hy-Gard™

..... 39.5 L (10.4 gal)

### Mechanical Front Wheel Drive (MFWD) Axle Housing: MFWD Differential Housing

..... 5 L (1.3 gal)

### Mechanical Front Wheel Drive (MFWD) Hubs (Each): Hy-Gard™

..... 0.8 L (0.21 gal)

### Front PTO OIL:

..... 3.1 L (0.8 gal)

