

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## 5100MH and 6155RH Hi-Crop Tractors

### ENGINE

#### OIL FILTER

5100MH - [RE504836](#)

6155RH - [RE539279](#)

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

#### PRIMARY AIR FILTER

5100MH - [SU20768](#)

6155RH - [AL215053](#)

Service every 1200 hours or as required per conditions.

### ENGINE

#### SECONDARY AIR FILTER

5100MH - [RE253519](#)

6155RH - [AL215054](#)

Service every 1200 hours or as required per conditions.

### ENGINE

#### PRIMARY FUEL FILTER

[RE551507](#), [DZ115391](#)

Service after 10 hours, then replace every 500 hours.

### ENGINE

#### SECONDARY FUEL FILTER

5100MH - [DZ115390](#), [RE551508](#)

6155RH - [RE560681](#)

Service after 10 hours, then replace every 500 hours.

### ENGINE

#### OPEN CRANKCASE VENTILATION (OCV) FILTER

[DZ105796](#)

[DZ105100](#)

Replace as required.

### CAB

#### FRESH AIR FILTER

5100MH - [RE198488](#) (Qty 2)

6155RH - [AL212841](#)

#### RECIRCULATION AIR FILTER

5100MH - [RE195491](#) (Qty 2)

6155RH - [L214634](#) (Qty 2)

#### ACTIVATED CARBON KIT

6155RH - [AL208648](#)

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

### HYDRAULIC

#### OIL FILTER

5100MH FT4 - [SJ11784](#)

6155RH - [AL169573](#)

Replace after 100 hours, then every 600 hours.

(Click here for [capacity](#))



### TRANSMISSION

#### OIL FILTER

6155RH PowrQuad™ - [AL156625](#)

Replace after 100 hours, then every 600 hours.

(Click here for [capacity](#))

### ENGINE

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

5100MH and 6155RH - [RE554498](#)

Replace within first five years and every 4500 hours.



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

# CAPACITIES

## 5100MH and 6155RH Hi-Crop Tractors

### CAPACITIES (Approximate):

#### **Fuel Tank:**

5100MH .....	139 L (36.7 gal)
6155RH .....	270 L (71.3 gal)

#### **Cooling System:**

##### **Cool-Gard™ II**

5100MH iT4 OOS .....	15 L (4 gal)
5100MH iT4 Cab .....	17 L (4.5 gal)
5100MH FT4 OOS .....	11.7 L (3.1 gal)
5100MH FT4 Cab .....	14 L (3.7 gal)
6155RH .....	27 L (7.1 gal)

#### **Crankcase including Filter:**

##### **Plus-50™ II**

5100MH iT4 .....	13 L (3.4 gal)
5100MH FT4 .....	12.1 L (3.2 gal)
6155RH .....	23.5 L (6.2 gal)

#### **Transmission/Hydraulics:**

##### **Hy-Gard™**

5100MH iT4 .....	53 L (14 gal)
5100MH FT4 .....	39.4 L (10.4 gal)
6155RH .....	63 L (16.6 gal)

#### **Front Wheel Drive Axle:**

##### **Hy-Gard™**

5100MH iT4 Wheel Hub (each) .....	0.8 L (0.21 gal)
5100MH FT4 Wheel Hub (each) .....	2.3 L (0.60 gal)
5100MH iT4 Axle Housing .....	5 L (1.32 gal)
5100MH FT4 Axle Housing .....	4.5 L (1.18 gal)
6155RH .....	See Operator Manual

#### **DEF Tank:**

##### **John Deere Diesel Exhaust Fluid™**

5100MH FT4 .....	12 L (3.2 gal)
6155RH .....	16 L (4.2 gal)

[Return to Filter Overview](#)

