

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

5100MH IT4 - [RE541922](#)

5100MH FT4 - [RE551507](#)

6155RH - [RE551507](#)

Service after 10 hours, then replace every 500 hours.

ENGINE

SECONDARY FUEL FILTER

5100MH IT4 - [RE544394](#)

5100MH FT4 - [RE551508](#)

6155RH - [RE560681](#)

Service after 10 hours, then replace every 500 hours.

ENGINE

DIESEL PARTICULATE FILTER (DPF)

5100MH IT4 (TSN -016794) [RE568454](#)

5100MH IT4 [RE551147](#)

Replace as required.

ENGINE

OPEN CRANKCASE

VENTILATION (OCV) FILTER

(4045 IT4/FT4 ENGINE) [DZ105796](#)

(6068 IT4/FT4 ENGINE) [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](#)

Replace after 100 hours, then every 600 hours.

(Click here for [capacity](#))

HYDRAULIC

OIL FILTER

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 FT4 and 6155RH - [RE554498](#)

Replace within first five years and every 4500 hours.



JOHN DEERE

Genuine Parts and Service

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 (0.8 qt)
5100MH FT4 Wheel Hub (each)	2.3 L (2.4 qt)
5100MH iT4 Axle Housing	5 L (5.3 qt)
5100MH FT4 Axle Housing	4.5 L (4.8 qt)
6155RH	See Operator Manual

DEF Tank:

John Deere Diesel Exhaust Fluid™

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

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