FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES
6M Final Tier 4 (FT4) Series Row-Crop Tractors – 6145M

HYDRAULICS
OIL FILTER
AL169573
Replace after first 100 hours then after first 500 hours and every 500 hours thereafter. Change Transmission Oil Filter as well.

ENGINE
OIL FILTER
RE504836
Replace after every 500 hours or annually.
The extended 500 hour interval is only allowed if using Plus-50™ II oil, JD OEM Oil Filter and diesel fuel with sulfur content less than 15mg/kg (15 ppm).
Change Oil and Filter after every 250 hours, if conditions are not met.

CRANKCASE VENT FILTER
DZ105100
Replace after every 1500 hours or 2 years, whichever occurs first.

SECONDARY AIR FILTER
AL215054
Replace at every fourth change of Primary Air Filter, or after 4500 hours or 3 years, whichever occurs first.

PRIMARY AIR FILTER
AL215053
Replace after every 1500 hours or 2 years, whichever occurs first.

DIESEL PARTICULATE FILTER
RE565702 (-866040)
RE566731 (866041-)
Replace within 250 hours after exhaust filter and warning light indicators are alerted on display.

DIESEL EXHAUST FILTER
RE554498
Replace after every 4500 hours or 3 years, whichever occurs first.

SECONDARY FUEL FILTER
RE551508
Replace after every 500 hours.

PRIMARY FUEL FILTER
RE550682
Replace after every 500 hours.

CAB
RENCIRCULATION AIR FILTER W/ AC L214634 (2)
RENCIRCULATION AIR FILTER W/O AC L152026 (2)
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.

ACTIVATED CARBON KIT
AL158986
Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

AIR FILTER
AL177184
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.

ACTIVATED CARBON KIT
AL158986
Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

TRANSMISSION
OIL FILTER
AL221066
Replace after first 100 hours then after first 500 hours and every 500 hours thereafter. Change Transmission Oil Filter as well.

CAB
RECIRCULATION AIR FILTER W/ AC L214634 (2)
RECIRCULATION AIR FILTER W/O AC L152026 (2)
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.

ACTIVATED CARBON KIT
AL158986
Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

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December 2018. Subject to change without notice.
CAPACITIES
6M Final Tier 4 (FT4) Series Row-Crop Tractors – 6145M

CAPACITIES (Approximate):

**Fuel Tank:**
6145M............................................................265 L (70 gal)

**DEF Tank:**
John Deere Diesel Exhaust Fluid™
6145M............................................................16 L (4.2 gal)

**Cooling System:**
Cool-Gard™ II
6145M............................................................27 L (7.1 gal)

**Crankcase:**
Plus-50™ II
6145M............................................................16 L (4.2 gal)

**Transmission/Hydraulics:**
Hy-Gard™
6145M............................................................52 L (13.7 gal)
Extra with creeper.............................................1 L (0.3 gal)

**Front PTO [If equipped]**
.................................................................2.6 L (0.69 gal)

**Front-wheel Drive:**
Hy-Gard™
3 Piece Front Axle type
750 (M50LD)
Axle housing (with TLS™).................................10 L (2.64 gal)
Axle housing (with TLS™, with brake)..................9.5 L (2.51 gal)
Axle housing (without TLS™).............................9.5 L (2.51 gal)
Final drives, per side (with/without TLS™)...........2.2 L (0.58 gal)
Final drives, per side (with brake).......................2.6 L (0.69 gal)

750 (M50)
Axle housing (with TLS™).................................10 L (2.64 gal)
Axle housing (without TLS™).............................9.2 L (2.43 gal)
Final drives, per side (with brake).......................2.4 L (0.63 gal)
Final drives, per side (without brake)...................2.2 L (0.58 gal)

**Air-conditioning System:**
R134a Refrigerant.............................................1225 - 1275 g (2.70 - 2.81 lb)

Oil Volume (PAG oil).........................................220 ml (7.44 fl oz)

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