

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

8R Tractor(s) Final Tier 4 (FT4) (160001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

PRIMARY AIR FILTER

FILTER ELEMENT (9L) - [RE596317](#)

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).

FUEL WATER SEPARATOR FILTER (IF EQUIPPED)

FILTER ELEMENT - [AT365869](#)

Replace after every 500 hours.

ENGINE

SECONDARY FUEL FILTER

FILTER ELEMENT (9L) - [DZ112918](#)

Replace after every 500 hours, or as indicated, whichever occur first.

ENGINE

ENGINE OIL FILTER

FILTER ELEMENT (9L) - [RE509672](#)

Minimum hours before first engine oil change is 100 hours. Extended engine oil change every 500 hours or annually, whichever come first. The extended 500 hour interval is only allowed if using Plus-50™ II oil with a John Deere filter and diesel fuel with sulfur content less than 15mg/kg (15ppm). If all conditions are not met, change oil and filter at 250 hours of operation.

ENGINE

PRIMARY FUEL FILTER

FILTER ELEMENT (9L) - [RE539465](#)

Replace after every 500 hours, or as indicated, whichever occur first..

ENGINE

DEF SUPPLY MODULE FILTER - [DZ114640](#)

Replace after every 3000 operating hours or 3 years, whichever comes first.

SECONDARY AIR FILTER

FILTER ELEMENT (9L) - [RE596318](#)

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).

CAB

FRESH AIR FILTER - [RE284091](#)

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

SCV

OIL FILTER - [RE269061](#)

Replace every 1500 hours.

ENGINE

FUEL TANK VENT FILTER - [H216169](#)

Replace after every 1500 hours.

AIR DRYER

FILTER ELEMENT - [AL204884](#)

Replace filter at least every 2 years, regardless of operating hours.

CAB

RECIRCULATION AIR FILTER - [RE593819](#)

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

HYDRAULIC OIL FILTER ELEMENT - [RE596661](#)

Replace after every 1500 hours.

ENGINE

DEF TANK VENT FILTER - [H216169](#)

Replace after every 1500 hours.

ENGINE

DEF INLINE FILTER [DZ110513](#)

Replace after every 3000 operating hours or 3 years, whichever comes first.



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CAPACITIES

8R Tractor(s) Final Tier 4 (FT4) (160001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

CAPACITIES (Approximate):

Fuel Tank

..... 727 L (192 gal)

DEF Tank

..... 37.2 L (9.8 gal)

Cooling System

Cool-Gard™ II

..... 42.3 L (11.2 gal)

Engine Crankcase Oil Volume:

1300 MFWD 8R 230, 8R 250, 8R 280..... 25.7 L (6.8 gal)

1500 MFWD 27.6 L (7.3 gal)

ILS™ 25.8 L (6.8 gal)

Auxiliary Reservoir Volume:

Oil Needed at Fill (If Equipped)

Left - Hand Tank 21.8 L (5.7 gal)

Right - Hand Tank 37.5 L (9.9 gal)

Usable take-out Oil (If Equipped)

Left - Hand Tank 18 L (4.7 gal)

Right - Hand Tank 32 L (8.5 gal)

Transmission / Differential / Hydraulic System:

1300 MFWD, 8R 230, 8R 250, 8R 280..... 180 L (47.5 gal)

1500 MFWD 184 L (48.6 gal)

ILS™ 199 L (52.6 gal)

Axle Housing:

1300 MFWD, 8R 230, 8R 250, 8R 280..... 13.6 L (3.6 gal)

1500 MFWD 18.7 L (4.9 gal)

Final Drive (Each):

MFWD

1300 / 1500..... 3.8 L (1 gal)

ILS™

8R 230, 8R 250, 8R 280, 8R 310 3.8 L (4 qt)

8R 340, 8R 370, 8R 410..... 5.6 L (5.9 qt)

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