FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

CAB
CAB FRESH AIR FILTER - AL220527
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.

(Activated Carbon Kit) - AL208648
Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

CAB
RECCIRCULATION AIR FILTER (QTY 2) W/ AC L214634
RECCIRCULATION AIR FILTER (QTY 2) W/O AC L205372
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.

(Activated Carbon Kit) - AL208648
Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

HYDRAULIC
OIL FILTER (6140R, 6150R) AL169573
AL169573 = 45CM³

OIL FILTER (6170R, 6190R, 6210R) AL203341
AL203341 = 60CM³
Replace after first 100 hours, then after first 750 hours and every 750 hours thereafter.
Change Transmission Oil Filter as well.

ENGINE
SECONDARY AIR FILTER AL215054
Replace at every fourth change of Primary Air Filter, or after 4500 hours or 5 years, whichever occurs first.

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

ENGINE
OPEN CRANKCASE VENTILATION (OCV) FILTER
(4045 IT4/FT4 ENGINE) DZ105796
(6068 IT4/FT4 ENGINE) DZ105100
Replace after every 1500 hours or 2 years, whichever occurs first.

ENGINE
OIL FILTER RE539279
Replace after first 100 hours, then after every 500 hours or annually, whichever occurs first.
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.

(Click here for capacity)

ENGINE
DIESEL PARTICULATE FILTER (DPF)
(6140R, 6150R) RE551148 (REMAN)
(6170R, 6190R, 6210R) RE555087 (REMAN)
Replace within 250 hours after exhaust filter and warning light indicators are alerted on display.

ENGINE
PRIMARY FUEL FILTER (6140R, 6150R) RE541922
FINAL FUEL FILTER (6140R, 6150R) RE541925
FUEL FILTER KIT (6170R, 6190R, 6210R) RE541746
(PRIMARY AND SECONDARY)
Replace after every 500 hours.

TRANSMISSION
OIL FILTER
(AutoPowr/IVT) AL206482
(Direct Drive W/O IVT) AL221066
(PowrQuad W/O IVT) AL221066
Replace after first 100 hours, then after first 750 hours and every 750 hours thereafter.
Change Hydraulic Oil Filter as well.

[Click here for capacity]

FRONT PTO
OIL FILTER DE30500
Replace every 500 hours.

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## CAPACITIES


**CAPACITIES (Approximate):**

### Fuel Tank:

**Standard**
- 6170R, 6190R, 6210R .................................................. 360 L (95.1 gal)
- 6140R, 6150R .......................................................... 305 L (80.5 gal)

**Optional**
- 6170R, 6190R, 6210R .................................................. 405 L (107 gal)
- 6210R ................................................................. 465 L (122.8 gal)

### Cooling System:

**Cool-Gard™ II**
- Engine cooling and cab heating ......................... 28.2 L (7.4 gal)

### Engine:

**Plus-50™ II**
- Crankcase .......................................................... 23.5 L (6.2 gal)

### Transmission/Hydraulics:

**Hy-Gard™**
- **PowrQuad™ PLUS transmission**
  - 6170R, 6190R, 6210R ............................................... 71 L (18.8 gal)
  - 6140R, 6150R .......................................................... 63 L (16.6 gal)

**AutoQuad™ PLUS transmission**
- 6170R, 6190R, 6210R ............................................... 71 L (18.8 gal)
- 6140R, 6150R .......................................................... 63 L (16.6 gal)

**DirectDrive transmission**
- 6170R, 6190R, 6210R ............................................... 75 L (19.8 gal)
- 6140R, 6150R .......................................................... 62 L (16.4 gal)

**IVT™ transmission**
- 6170R, 6190R, 6210R ............................................... 81 L (21.4 gal)
- 6140R, 6150R .......................................................... 75 L (19.8 gal)

**Extra with creeper**
- 6140R, 6150R .......................................................... 1 L (0.3 gal)

**Extra with additional oil reservoir**
- 6170R, 6190R, 6210R ............................................... 28 L (7.4 gal)
- 6140R, 6150R .......................................................... 21 L (5.6 gal)

**Extra with TLS™ axle**
- 6170R, 6190R, 6210R ............................................... 4 L (1.06 gal)

**Front-wheel drive:**

**Hy-Gard™**
- Axle housing ........................................................... 8.2 L (2.2 gal)
- Final drives (without brake) ....................................... 1.7 L (0.4 gal)
- Final drives (with brake) ............................................. 2.6 L (0.7 gal)

**Air-conditioning system:**

**R 134a refrigerant** .................................................. 1225 - 1275 g (2.70 - 2.81 lb)

**Oil volume (PAG oil)** .................................................. 220 ml (7.44 fl oz)

*For complete recommended fluid specifications please refer to the current Operations Manual.*

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