FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES
8010 Series Row-Crop Tractors - 8110, 8210, 8310, 8410

CAB
FRESH AIR FILTER
STANDARD
RE119168
HEAVY-DUTY
RE67828
ACTIVATED CARBON
RE219782

Clean after every 250 hours or as required.
Replace annually and as required.
(Interval may vary according to operating conditions.)

FUEL FILTER
AR86745

FUEL WATER/SEPARATOR (IF EQUIPPED)
RE508633

FUEL STRAINER
AR103220

Replace after every 750 hours or as required, whichever occurs first.
(Interval may vary according to operating conditions.)

CAB
RECIRCULATION AIR FILTER
RE187966

Clean after every 250 hours or as required.
Replace annually and as required.
(Interval may vary according to operating conditions.)

ENGINE
SECONDARY AIR FILTER
RE51630
Replace with every second or third replacement of primary filter.

ENGINE
PRIMARY AIR FILTER
RE51629
Replace annually and as required.
(Interval may vary according to operating conditions.)

ENGINE
OIL FILTER
DZ101880
Initial oil and filter change at 100 hours, then after every 250 hours or annually, whichever occurs first.
The extended 375 hours service interval is only allowed if using John Deere Plus-50 oil with a John Deere filter and diesel fuel with sulfur content greater than 0.5%.
If all conditions are not met, change oil and filter at 250 hours of operation.
(Click here for capacity)

ENGINE
FUEL FILTER
AR86745

FUEL WATER/SEPARATOR (IF EQUIPPED)
RE508633

FUEL STRAINER
AR103220

Replace after every 750 hours or as required, whichever occurs first.
(Interval may vary according to operating conditions.)

ENGINE
FUEL TANK VENT FILTER
RE52504
Replace every after 750 hours.
(Interval may vary according to operating conditions.)

TRANSMISSION/HYDRAULIC
OIL FILTER
RE174130
Replace after every 750 hours.
(Interval may vary according to operating conditions.)

SCREEN
RE45369
Clean after every 1500 hours.
(Click here for capacity)

December 2018. Subject to change without notice.

## CAPACITIES

### 8010 Series Row-Crop Tractors - 8110, 8210, 8310, 8410

**CAPACITIES (Approximate):**

**Fuel Tank:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8110</td>
<td>511 L (135 gal)</td>
</tr>
</tbody>
</table>

**Cooling System:**

**Cool-Gard™ II**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8110</td>
<td>34 L (9 gal)</td>
</tr>
</tbody>
</table>

**Crankcase with Filter:**

**Plus-50™ II**

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8110</td>
<td>21.5 L (5.7 gal)</td>
</tr>
<tr>
<td>8210</td>
<td>23.5 L (6.2 gal)</td>
</tr>
<tr>
<td>8310</td>
<td>25 L (6.6 gal)</td>
</tr>
<tr>
<td>8410</td>
<td>27 L (7.1 gal)</td>
</tr>
</tbody>
</table>

**Transmission and Hydraulic System:**

**Hy-Gard™**

<table>
<thead>
<tr>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>140 L (37 gal)</td>
</tr>
</tbody>
</table>

*Includes 26.5 L (7 gal) for clean oil reservoir

**Mechanical Front Wheel Drive (MFWD) Axle:**

**GI-5 Gear Lubricant (85W-140)**

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axle Housing</td>
<td>13.6 L (3.6 gal)</td>
</tr>
<tr>
<td>Wheel Hubs</td>
<td>3.4 L (0.9 gal)</td>
</tr>
</tbody>
</table>

[Return to Filter Overview]