Pre Start Check List & Operation Limitations/ Warnings
Safety Precautions

PRESTARTING CHECK
For a New or Overhauled Blower:
1. Blower rotation as indicated.
2. Correct alignment of shafts.
4. Air filter and fittings are tight.
5. Air filter is serviced.
6. All bolts are tight.
7. Proper oil level in gear case. (See Maintenance, Section 4, page 12.)
8. Check valve okay.
9. Relief valve okay.
10. Fusible plug okay.

⚠️ WARNING
Gardner Denver blowers are shipped dry from the factory. Do not attempt to operate the blower before following proper lubrication instructions. Permanent damage to the gears, bearings and seals will occur.

<table>
<thead>
<tr>
<th>T5CDL9, T5CDL12 &amp; T5CDL13 PTO Gate Rotor Drive</th>
<th>T5CDL12 &amp; T5CDL13 Main Rotor Drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Speed RPM</td>
<td>Maximum Pressure PSIG (bar)*</td>
</tr>
<tr>
<td>900</td>
<td>12 (0.83)</td>
</tr>
<tr>
<td>1000</td>
<td>14 (0.97)</td>
</tr>
<tr>
<td>1100</td>
<td>16 (1.10)</td>
</tr>
<tr>
<td>1200</td>
<td>18 (1.24)</td>
</tr>
<tr>
<td>1300</td>
<td>20 (1.38)</td>
</tr>
</tbody>
</table>

* Maximum allowable discharge pressure at sea level is 20 PSIG (1.38 bar) for "INTERMITTENT OPERATION ONLY". Maximum pressure allowable decreases with increase in altitude; hence trailer unloading time will be longer.

⚠️ WARNING
Never operate blower above 20 PSIG (1.38 bar) pressure on gauge at immediate blower discharge.

⚠️ WARNING
Operating beyond the specified operating limitations will result in damage to the unit.

⚠️ CAUTION
Never operate the blower if the air filter has damaged seals or element.

NOTICE
No matter what type of filter is used, always make sure all seats, gaskets, clamps and hose connections on the filter and inlet line are absolutely air tight. Each time the filter is serviced, inspect the interior of the blower for dirt.

⚠️ CAUTION
Do not operate the blower unless oil shows in the sight glass.

Check gear case oil level daily. Change oil every 100 hours of operation or more often if dust and moisture conditions are severe. Gear case should be flushed with clean solvent every four oil changes.

Gardner Denver Authorized Distributor

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During Blower Operation:
1.) Always stay outside the truck watch & listen for any metal on metal contact or excessive loud noises.

2.) Pay close attention to pressure gauges and temperature gauges at all times. The Truck Blower T5CDL12L units can only run 20 PSI intermittently & have a max temp of 375° F.

3.) If any loud or abnormal noises are present from the blower, shut down the unit immediately and inspect.

4.) The Units are non contact running, if there are any indications of metal on metal contact stop operation immediately and inspect and send in for repair.

SAFETY PRECAUTIONS
Safety is everybody’s business and is based on your use of good common sense. All situations or circumstances cannot always be predicted and covered by established rules. Therefore, use your past experience, watch out for safety hazards and be cautious. Some general safety precautions are given below:

**DANGER**

Failure to observe these notices could result in injury to or death of personnel.

- **Keep fingers and clothing away** from revolving sheave, drive coupling, etc.
- **Do not use the air discharge** from this unit for breathing – not suitable for human consumption.
- **Do not loosen or remove** the oil filler plug, drain plugs, covers, or break any connections, etc., in the blower air or oil system until the unit is shut down and the air pressure has been relieved.
- **Electrical shock** can and may be fatal.
- **Blower unit must be grounded** in accordance with the National Electrical Code. A ground jumper equal to the size of the equipment ground conductor must be used to connect the blower motor base to the unit base.
- **Open main disconnect switch, tag and lockout before working on the blower.**
- **Disconnect the blower** unit from its power source, tag and lockout before working on the unit – the machine may be automatically controlled and may start at any time.