ADD- Gardner Denver TGE Well Servicing pumps combine the tried and proven TEE design with a gear reducer for superior service in the oil fields throughout the world.

- Eccentric construction
- Integral planetary gear reduction ratio of 5 to 1
- Right or left-hand shaft extension
- Pressure lubrication of power end
- Suction and discharge on either side
- Solid connecting rods
- Clamp type connections between plungers and cross head extensions
- Removable stuffing boxes with threaded glands
- Choice of plungers with non-adjustable type packing or piston liner construction

### PERFORMANCE RATINGS – INTERMITTENT SERVICE

<table>
<thead>
<tr>
<th>Plunger/Piston Size</th>
<th>Gallons Per Revolution</th>
<th>GALLONS/LITERS PER MINUTE AT THE FOLLOWING RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>in.</td>
<td>mm.</td>
<td>gal.</td>
</tr>
<tr>
<td>4</td>
<td>102</td>
<td>.817</td>
</tr>
<tr>
<td>3.5</td>
<td>99</td>
<td>.723</td>
</tr>
<tr>
<td>3</td>
<td>76</td>
<td>.618</td>
</tr>
<tr>
<td>2.75</td>
<td>70</td>
<td>.380</td>
</tr>
<tr>
<td>2.5</td>
<td>63</td>
<td>.319</td>
</tr>
<tr>
<td>2.25</td>
<td>57</td>
<td>.258</td>
</tr>
<tr>
<td>2</td>
<td>51</td>
<td>.204</td>
</tr>
<tr>
<td>1.75</td>
<td>44</td>
<td>.156</td>
</tr>
</tbody>
</table>

Based on 85% mechanical efficiency and 100% volumetric efficiency.

*Piston and liner construction available in 2 3/4”, 3”, 3 1/2” and 4” only.

**The duty cycle of a pump rated for intermittent duty is not to exceed 30 minutes at loads above the maximum established for continuous running followed by an equal period at no load.

Note: Use plungers/packing for acid service or pressures in excess of 4,000 PSI. Pistons/liners are not recommended for these applications.
**TGE Triplex Well Servicing Pump**

**STANDARD FEATURES**

- Colmonoy plungers and packing or piston and liner construction
- Hardened steel valves
- Block steel fluid end
- Fabricated suction manifold

**OPTIONAL FEATURES**

- Lubricating oil pump and filter
- Weld neck companion flanges
- Integral 5 to 1 planetary gear reducer
- Mechanical lubricator for plunger stuffing box packing
- Suction and discharge surge chambers
- Relief valve
- Fabricated steel skid and motor or engine
- Fabrivated skid under pump only
- Integral 6.25 to 1 planetary gear reducer
- Plunger rod washing system (mounted only on unitized packages)

**CRANKCASE OIL CAPACITY:** 12 gallons (45 liters)

**SUCTION OPENING:** 6” (152 mm) - Pipe, beveled for welding

**DISCHARGE CONNECTION:** 2 9/16” (66 mm) weld neck API 10,000# PSI

**LENGTH:** 69.8” (1773mm)

**HEIGHT:** 26.8” (681mm)

**WEIGHT:** Dry, less optional skid: 3,200 lbs (1,451 kg)

**SPECIFICATIONS**

Note: All installations must contain a pressure relief valve in the discharge line near the pump.