When working with liquid nitrogen in high-pressure oil field applications, you need a tank on your equipment that is designed from field-tested experience so it performs when you need it most. The Oil Field Nitrogen Tanks from Chart are assembled with state-of-the-art fabrication techniques with the latest materials to integrate seamlessly with your system and provide maximum durability for the long haul. Our experienced engineering team will work with you to take our standard product line and create a cost-effective custom solution to enhance your equipment’s value. Backed by our quality-driven ISO 9000 manufacturing, you can be assured every tank meets your specifications.

**PRODUCT HIGHLIGHTS**

- Custom designed to meet your specifications
- Robust support system designed for rugged conditions
- Designed, built and stamped ASME inner vessel
- CGA-341 compliant vacuum bottle
- Stainless steel inner vessel
- Internal baffles allow transporting with product
- High-performance paint system to withstand environmental conditions
- Optional piping designed for ease-of-operation, reducing maintenance and operation costs
- One-year vacuum and structural warranty

Field-ready Oil Field Nitrogen Tank
(Photo courtesy of CS & P, Houston, Texas)
# Oil Field Nitrogen Tanks

## Truck-Mounted Series

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Net Capacity</th>
<th>MAWP</th>
<th>Diameter</th>
<th>Length</th>
<th>Empty Weight</th>
<th>Evaporation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>gal</td>
<td>liters</td>
<td>psig</td>
<td>bar</td>
<td>in</td>
<td>mm</td>
</tr>
<tr>
<td>TMS-2000</td>
<td>1780</td>
<td>6738</td>
<td>50</td>
<td>3.5</td>
<td>80</td>
<td>2032</td>
</tr>
<tr>
<td>TMS-3000</td>
<td>2821</td>
<td>10663</td>
<td>38</td>
<td>2.6</td>
<td>88</td>
<td>2235</td>
</tr>
<tr>
<td>TMS-3300</td>
<td>3150</td>
<td>11910</td>
<td>45</td>
<td>3.1</td>
<td>94.75</td>
<td>2407</td>
</tr>
<tr>
<td>TMS-4100</td>
<td>3940</td>
<td>14900</td>
<td>45</td>
<td>3.1</td>
<td>86</td>
<td>2184</td>
</tr>
</tbody>
</table>

Note: Other designs available upon request.

### Legend

- **VV-1**: Vacuum Valve
- **TC-1**: Probe, Thermocouple
- **TV-1**: TC Isolation Valve, Bellows Sealed
- **RF-1**: Vacuum Jacket Relief, O-Ring

---

© 2009 Chart Inc.  
PN 11660611  
www.chart-ind.com