TNK – Complete Tank Solutions
Air Release Optimized filtration in a turn-key solution with cleanliness insured

FASTFifteen
Give us 15 - we will give you targeted fluid cleanliness concepts for your machine.
Portfolio Need/Applications for TNK

- Ideal for small to medium OEM’s that do not have enough machine volume to justify the tooling cost on their own.
- The TNK family has numerous options for a variety of application needs.
- Complete filter options with each tank package.
- Certified Clean to SI Specifications.
- Available with Quality Protected Elements.

TNK7, TNK12, TNK18, TNK25
Competitive Advantage of TNK

- No Tooling Charges
- Readily Available
- Single Purchased Order
- Weight Reduction
- Tank Cleanliness
- No Assembly Labor Cost
Optimization Opportunity Showcase

• Currently Use a 15 gallon tank off the shelf with in line filter. Not a package.

• Bulk Commodity trailer application with a low duty cycle.

• 35 GPM

• 140 deg. °F

• ISO 32 Oil
Full Flow Streamlines with Diffuser

There is a large outward flow towards the walls where the flow is funneled and redirected to the outlet:
Surface Velocities with Diffuser

Surface Velocities are well within acceptable limits (< 0.8 m/sec)
De-aeration Performance with Diffuser

Values shown are the percent of air bubbles at that particular size successfully de-aerated from the system.

- 1mm: 71%
- 2mm: 93%
- 3mm: 100%

1, 2 and 3 mm air bubbles injected.
Multiple Sizes to fit in a wide array of applications

**TNK7**
Complete hydraulic tank solution (7 gal.) with included accessories.

<table>
<thead>
<tr>
<th>Options</th>
<th>Desc.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter, breather, sight glass, strainer, &amp; band strap options</td>
<td>Vol.</td>
<td>7 gal.</td>
</tr>
<tr>
<td>Element Clearance 5” (127 mm)</td>
<td>Filter</td>
<td>MTB</td>
</tr>
<tr>
<td></td>
<td>Flow</td>
<td>35 gpm</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
<td>16 lbs.</td>
</tr>
</tbody>
</table>

**TNK12**
Complete hydraulic tank solution (12 gal.) with included accessories.

<table>
<thead>
<tr>
<th>Options</th>
<th>Desc.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter, breather, sight glass, strainer, &amp; band strap options</td>
<td>Vol.</td>
<td>12 gal.</td>
</tr>
<tr>
<td>Element Clearance 10” (254 mm)</td>
<td>Filter</td>
<td>ZT/GZT</td>
</tr>
<tr>
<td></td>
<td>Flow</td>
<td>40 gpm</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
<td>21 lbs.</td>
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</tbody>
</table>

**TNK18**
Complete hydraulic tank solution (18 gal.) with included accessories.

<table>
<thead>
<tr>
<th>Options</th>
<th>Desc.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter, breather, sight glass, strainer, &amp; band strap options</td>
<td>Vol.</td>
<td>18 gal.</td>
</tr>
<tr>
<td>Element Clearance 10” (254 mm)</td>
<td>Filter</td>
<td>ZT/GZT</td>
</tr>
<tr>
<td></td>
<td>Flow</td>
<td>40 gpm</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
<td>33 lbs.</td>
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</tbody>
</table>

**TNK25**
Complete hydraulic tank solution (25 gal.) with included accessories.

<table>
<thead>
<tr>
<th>Options</th>
<th>Desc.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter, breather, sight glass, strainer, &amp; band strap options</td>
<td>Vol.</td>
<td>25 gal.</td>
</tr>
<tr>
<td>Element Clearance 12” (305 mm)</td>
<td>Filter</td>
<td>RT/GRT</td>
</tr>
<tr>
<td></td>
<td>Flow</td>
<td>75 gpm</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
<td>45 lbs.</td>
</tr>
</tbody>
</table>
Multitude of Mounting Options for Flexible Installation

<table>
<thead>
<tr>
<th>Mounting Possibility Represents 12, 18 &amp; 25 Gallon Strap Locations</th>
</tr>
</thead>
</table>

- **TNK7 Straps**
  - Vertical Overhead: 444066
  - Horizontal Upper: 444184

- **TNK12 Straps**
  - Vertical Overhead: 443866
  - Vertical Two-Sided: 443889
  - Horizontal Upper: 444066
  - Horizontal Lower: 444185

- **TNK18 Straps**
  - Vertical Overhead: 3054998
  - Vertical Two-Sided: 444183
  - Horizontal Upper: 444490
  - Horizontal Lower: 3521866

- **TNK25 Straps**
  - Vertical Overhead: 4231789
  - Vertical Two-Sided: 444183
  - Horizontal Upper: 444490
  - Horizontal Lower: 4389641

*Straps are not sold in sets. Each part number designates one strap.*
Schroeder supplies Custom Roto-molded Reservoir Solutions

- Tank
- Filter
- Breather
- Level gauge
- Strainer
- Clamps
Integration of Cooler into the reservoir envelope.
Interested to learn more?

- Select 1-5 items pertaining to the topic you are interested

- Click the “Request Information” button located directly under the product photo

- Mention “Fast Fifteen” in the comments section and a representative will be in touch