TANK CONTAINERS

20, 30 and 40-ft tank containers for transporting LPG overland (road or rail) and by sea.
High-strength steel cylindrical container with breakwater plates inside and korbbogen type dished ends, built in reinforced steel ISO-container structure.
(The characteristics of the tank containers described below are for Lapesa type models. Any adaptation of a design to a customer’s specific requirements shall involve a new project and the corresponding type-approval).

General/standard characteristics
• Tank-container for the transport of ADR class 2 liquefied gas under pressure, Type 1AA container according to ISO 668.
• Built according to ADR, ISO, CSC, IMDG code
• Product to be contained: LPG (UN 1965), commercial propane and butane.
• ADR design pressure: 27 bar.
• Maximum working pressure: 20.77 bar.
• Test pressure: 27 bar.
• Design temperature: -20 +50ºC.

Controls and tests
• Inspections as per design code.
• 100% weld x-raying.
• Hydraulic test at 27 bar.
• Valve tightness test.
• ISO load tests on prototype container.
• ISO, CSC tests.

Equipment
• Background internal valves with flow limiter and opening via automatic return lever, for connections to liquid phase and gas phase, with “fire-safe” type ball valve, sealable with blind cap.
• Valve with pressure gauge and high point indicator.
• Rotating level.
• Background drain valve.
• Internal overpressure safety valve.
• DN500 manhole located on rear head.
• Side metal cabinet for valves.

External finish
• Shot-blasting of unit SA 2 ½.
• Anti-corrosion protection of surface with coat of polyamide epoxy (60 microns).
• Top coat of white polyurethane (60 microns).

<table>
<thead>
<tr>
<th>Model CONTAINER-TANK</th>
<th>LTC52-GLP</th>
<th>LTC38-GLP</th>
<th>LTC25-GLP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container-tank size</td>
<td>40’</td>
<td>38’</td>
<td>20’</td>
</tr>
<tr>
<td>Nominal volume</td>
<td>52,0 m³</td>
<td>38,3 m³</td>
<td>24,5 m³</td>
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<tr>
<td>Total length</td>
<td>12,192 mm</td>
<td>9,125 mm</td>
<td>6,058 mm</td>
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<tr>
<td>Total width</td>
<td>2,438 mm</td>
<td>2,438 mm</td>
<td>2,438 mm</td>
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<tr>
<td>Total height</td>
<td>2,591 mm</td>
<td>2,591 mm</td>
<td>2,591 mm</td>
</tr>
<tr>
<td>Tank Diameter</td>
<td>2,400 mm</td>
<td>2,400 mm</td>
<td>2,400 mm</td>
</tr>
<tr>
<td>Inner breakwaters</td>
<td>3 nº</td>
<td>2 nº</td>
<td>2 nº</td>
</tr>
<tr>
<td>Empty weight</td>
<td>10,15 mt</td>
<td>8,05 mt</td>
<td>6,1 mt</td>
</tr>
<tr>
<td>Load LPG</td>
<td>21,85 mt</td>
<td>16,1 mt</td>
<td>10,3 mt</td>
</tr>
</tbody>
</table>