

RENTAL AND SALE - 20ft and 40ft T75 Cryogenic ISO Containers

OEG offers a new fleet of 20ft and 40ft T75 Cryogenic ISO tank containers to the Industrial Gas market from our global base network. The tanks are specifically used for the transportation and storage of Class 2 refrigerated liquified gases. The cryogenic tanks are double wall vacuum with state-of-the-art multi-layered super-insulation specially designed with international approvals for products such as Nitrogen (LIN), Oxygen (LOX), Argon (LAR), Carbon Dioxide (CO₂), Nitrous Oxide (N₂O), Ethylene and LNGs with a higher working pressure of 22 bar.

Given OEG's commitment and presence in every continent, our dedicated staff are committed and trained to handle cryogenic tank containers.

Equipment supplied meets the specific requirements of the latest international standards & approvals.



40ft Cryogenic Tanks



20ft Cryogenic Tank



40ft Cryogenic Tanks

20FT 22Bar UN T75 CRYOGENIC ISO TANK

- Suitable for LIN / LOX / LAR / CO2 / N2O / Methane / Ethylene / Ethane / LNG
- Design code IMDG, ISO 1496-3, RID, ADR, ASME VIII, Div1., US DOT, DOT49CFR, TIR, TC, Australian Registration, DOSH
- Approvals CCC, CSC, Lloyd's Register
- Inner vessel is stainless steel with 2 stainless steel transverse plate baffles
- Vacuum with multi-layer super insulation

Holding Times / Days

| Medium | Filling Rate | | | | | | | | | | | |
|--------------------------------|--------------|-----|-----|--------|-------|--------|-------|--------|--------|-----|--------|--------|
| | 95% | 90% | 80% | 73.45% | 65.9% | 72.17% | 88.6% | 88.18% | 71.19% | 70% | 70.75% | 70.55% |
| LO ₂ | 28 | 73 | 172 | 241 | | | | | | | | |
| LN ₂ | 14 | 42 | 103 | | 219 | | | | | | | |
| LAr | / | 32 | 128 | | | 198 | | | | | | |
| LCO ₂ | 65.6 | 144 | 174 | | | | 174 | | | | | |
| LN ₂ O | 46 | 124 | 140 | | | | | 140 | | | | |
| LNG | / | 50 | 155 | | | | | | 272 | | | |
| LCH ₄ | / | 53 | 164 | | | | | | | 301 | | |
| LC ₂ H ₄ | / | 106 | 333 | | | | | | | | 587 | |
| LC ₂ H ₆ | / | 117 | 366 | | | | | | | | | 656 |

TECHNICAL SPECIFICATION

| TYPE | WORKING PRESSURE | CAPACITY | EXTERNAL DIMENSIONS (L x W x H) | TARE WEIGHT | PAYLOAD | MAX. GROSS WEIGHT |
|-------------------------|------------------|---------------|---------------------------------|-------------|------------|-------------------|
| 20ft T75 Cryogenic Tank | 22 bar | 21,000 litres | 6,058mm x 2,438mm x 2,591mm | 8,900 kgs | 27,300 kgs | 36,000 kgs |

E & OE
All dimensions and weights are accurate at the time of creation. Please check exact specifications of units when ordering.



Supporting your global energy ambitions with a versatile range of critical infrastructure assets and services

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www.oegoffshore.com

Product Datasheet

40ft Cryogenic ISO Tank



40FT 8.3Bar UN T75 CRYOGENIC ISO TANK

- Suitable for LNG / LIN / LOX / LAR / LC24H4 / LC2H6
- Design code IMDG, ISO 1496-3, RID, ADR, ASME V111, Div1., US DOT, DOT49CFR, CGA341, Australian Registration, DOSH
- Approvals CCC, CSC, Lloyd's Register
- Inner vessel is stainless steel with 6 Stainless steel transverse plate baffles
- Vacuum with multi-layer super insulation

Holding Times:

- 70 days (for 90% LNG@0bar 20°C)
- 90 days (for 86% LC₂H₆@0bar 20°C)
- 140 days (for 89% LC₂H₄@0bar 20°C)
- 120 days (for 60% LN₂@0bar 20°C)
- 150 days (for 43% LO₂@0bar 20°C)
- 130 days (for 35% LAr@0bar 20°C)

Special Note:

Conditions original media temperature - 162°C and pressure at 0 pa

TECHNICAL SPECIFICATION

| TYPE | WORKING PRESSURE | CAPACITY | EXTERNAL DIMENSIONS (L x W x H) | TARE WEIGHT | PAYLOAD | MAX. GROSS WEIGHT |
|-------------------------|------------------|---------------|---------------------------------|-------------|------------|-------------------|
| 40ft T75 Cryogenic Tank | 8.3 bar | 45,500 litres | 12,192mm x 2,438mm x 2,591mm | 12,200 kgs | 21,800 kgs | 34,000 kgs |

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