



UN Portable T75 - 40' 10 Bar Trifleet Tank container

Type	UN Portable for the transport of liquified refrigerated gases class 2. (LIN, LOX, LAR, LNG, Ethane)
Approvals, Certification & Compliances	
General Transport	IMDG-ADR/RID (6.7+6.8) USDOT/CFR49
General Storage	CE marked acc. 2014/68/EU (PED)
Vessel/Barrel/Tank	ASME VIII div.1 + code Stamp / EN13530-EN13548
Others	UIC, TC Impact Canada, CSC, TIR, ISO
General Specifications	
Nominal capacity	46000 Liter tolerance -150L + 1,5%
Tare Mass	11600 - 12500 Kg tolerance +/- 3%
Max. Gross Mass	36000 Kg
Size and type code	42K7 (EN-ISO6346)
Dimensions to ISO	L=12192mm W=2438mm H=2591mm
ISO Corner castings	40' x 8' x 8'6"
MAWP - EN	7-10 Bar
MAWP - ASME	7 Bar
Design Temperatures inner vessel	-196 °C / +20°C
Design Temperature outer vessel	-196 to / +50°C
Baffled with 6 sets baffle plates	



Materials of Use

Valve cabinet doors and frame	SA 240/EN10028-7 – 1.4301 304L Stainless Steel
Inner tank	SA 240/EN10028-7 - 1.4301 304N/L Stainless Steel (Cold stretched)
Baffles	SA 240/EN 10028-7 - 1.4301 304L Stainless Steel
Outer tank	SA 240/EN 10028-7 - 1.4301 304L Stainless Steel

Fitting & Accessories

Bottom discharge/fill (Liquid)	Flanged dual drilled DN65 / DN50
Bottom discharge/fill 2nd (Optional)	Flanged dual drilled DN65 / DN50
Top fill/gas Line (Spray)	Flanged dual drilled DN50 / DN40
Balance line	DN40
Vent Line	DN40 ending with 1½" NPT socket
Safety Relief Valve Assembly	2 x 2 + Diverter valve
Try cocks (level indicators)	3 x: 82%, 90% and 95%
Vapor recovery line	DN40
Sampling line	1 x ¼" NPT needle valves+ ¼ " NPT plug
Level / pressure Gauge	mm H2O – PSI
Pressure Build up Unit (PBU)	Standard fitted
Valve cabinet	With lockable doors
Telemetric / GPS	Standard fitted

Performance

Product	Holding Time(days)	Payload (10 Bar) at max. Holding time (Kg)	Initial/ Filling Pressure (Barg)
UN1977 –LIN	91	24400	0
UN1073-LOX	88	24400	0
UN1951-LAR	55	24400	0
UN1972-LNG (CH4)	100	17000	0
UN1961-Ethane (C2H6)	357	20600	0

About Trifleet Leasing – A GATX Company

Trifleet Leasing, part of GATX Corporation, is one of the world's largest tank container lessors, with a fleet of around 26,000 units and a strong track record of long-term growth.

Headquartered in Dordrecht (Main Port Rotterdam, the Netherlands), we operate globally with offices in Houston, Singapore, Hamburg & Shanghai. The company has a dedicated team of exclusive agents located all over the world and in addition to these dedicated teams, Trifleet collaborates and works closely with a global network of tank container depots.

For over 30 years, we've served customers in the Chemical, Logistics, Food Grade, and Pharmaceutical industries. Our expert team is committed to delivering safe, sustainable, and reliable solutions for transport and storage. Driven by innovation and digitalization, we continually enhance operational efficiency and customer experience. Through strong global partnerships, we help simplify complex logistics and deliver value worldwide.