

Visit our website  
[www.leaderenergy.com](http://www.leaderenergy.com)



ENERGY SERVICES LTD.

**PEOPLE...**

**SERVICE...**

**INNOVATION**



# Nitrogen Bulker



**CORPORATE OFFICE**

**Calgary**

Toll Free 1-866-977-LEAD (5323)

Phone (403) 265-5400

Fax (403) 263-6789

Britannia Building, Suite 210

703 - 6th Avenue SW, Calgary

Alberta, Canada T2P 0T9

**FIELD OFFICES**

**Grande Prairie, AB**

**Red Deer, AB**

**Brooks, AB**

**Denver, CO**

**Mt. Pleasant, MI**



ENERGY SERVICES LTD.



ENERGY SERVICES LTD.

## Specifications

Multi-Service Cryogenic Trailer



Gross Water Capacity	7,485 gallons
Product Service	LIN, LOX, LAR
Maximum Allowable Working Pressure	87 PSI
Length (Nom)	43 feet
Width	8 feet
Height	11.3 feet
Estimated Weight	18,900 lbs (with tires & wheels) ± 3%
Evaporation Rate	.75% in 24 hours (LN2)
Design Code	ASME Section VIII Div: 1, CGA-341, CRN

### Standard Equipment

Inner Vessel	304 Stainless steel 72 in. diameter RT-2 radiology
Baffles	3 transverse baffles evenly spaced
Internal & Annular Piping	Schedule 10, 304 SST, with Schedule 40 pipe penetrations
Pressure Build Coil	150 gpm @ 75 psi
Insulation	Super Cryolite / MLI
Service Temperatures	-320°F
Outer Vessel Doublers	At all attachments w/ radius corners
Suspension	Air Ride - Henrickson Ht. -230
Pump Drive	VW Turbo Diesel Engine
Manway	16 in. Entry
Outer Jacket	A-607 carbon steel with 304 stainless steel rear course, A-36 carbon steel front head, and 304 stainless steel rear head
External Piping	SCH 10 piping, except SCH 80 at threaded connections
Air Brakes	2 tank / 2 valve (Bendix R - 12/SR - 5)
Landing Gear	Binkley 2 speed #LG4001 - 70
Cabinet	Fiberglass bolted construction, CAM type rear door lock, pump access door with side hinge and pull type (hood) latches, interior painted white
Sub-Frame	Fabricated Corten with 1/4 in. side rails and 3/16 in. cross members
Axles	.625 in. wall x 5 in., 71.5 in. track, auto slack adjuster, hubs, outboard centrifus drums, Stemco gritguard Oil seals, stud plotted 11.5 in. BC, 3030 brake chambers, Engler or Veeder root hubdometer.
Lighting	Betts Lighting System
Fenders & Mud Flaps	Aluminum front and rear fenders with anti-sail rear mud flaps
Tires	General, Rib, ST, 295/75/22.5
Wheels	Aluminum wheels



**Bulk N<sub>2</sub> Locations:**  
**Grande Prairie**  
**Fort St. John**  
**Fort Nelson**



ENERGY SERVICES LTD.

Phone (403) 265-5400 • Fax (403) 263-6789

Britannia Building, Suite 210, 703 - 6th Avenue SW, Calgary Alberta, Canada T2P 0T9