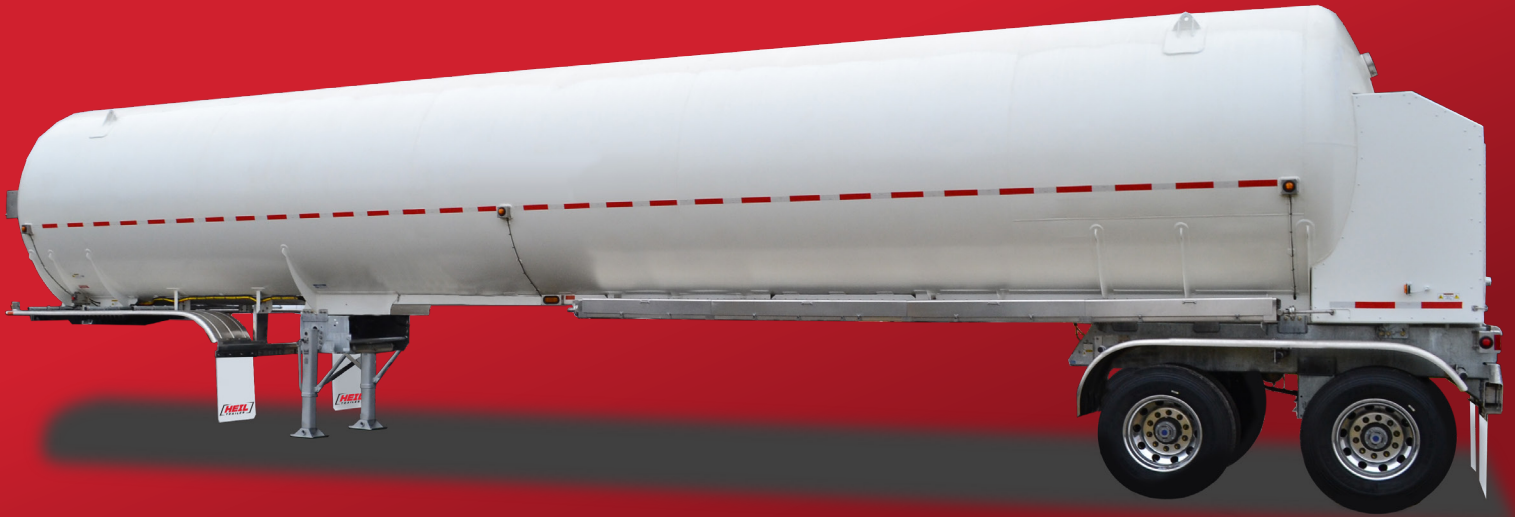


Liquid Hydrogen Transport

18,000+ GALLON LIQUID HYDROGEN TRAILER



CONFIGURATION

Liquid Hydrogen Transport
Design Temp.: -423°F to 150° F

CAPACITY

Gross Vol. 18,000+ Lbs.
Max Payload 9,000 - 10,000 lb.
MAWP: 155 PSIG (10.69 BAR)
DOT Max Op. Pressure: 170 PSIG
(11.72 BAR)

WEIGHT

Est. Tare Weight: 50,000 lb.
Est. Fully Loaded Weight: 60,000 lb.
L: 53' W: 102" H: 13'

COMPLIANCE

ASME BPVC Sec. VIII, Div. 1
49 CFR 178.338 (MC-338)
California 40' KPRA

RELIABILITY REDefined

When it comes to transporting Liquid Hydrogen, precision, reliability, and safety are paramount. That's why discerning clients turn to Heil Trailer International. Engineered with meticulous attention to detail and incorporating cutting-edge technology, the Heil Trailer Liquid Hydrogen Transport ensures the secure transportation of this volatile substance. With its specialized design and reinforced construction, this tanker surpasses ordinary trailers in both performance and durability. From meticulously controlled loading to swift and secure delivery, the Heil Trailer Liquid Hydrogen Transport offers unmatched versatility and peace of mind for transporting Liquid Hydrogen across various distances and terrains, making it the preferred choice for those who prioritize excellence in transportation.

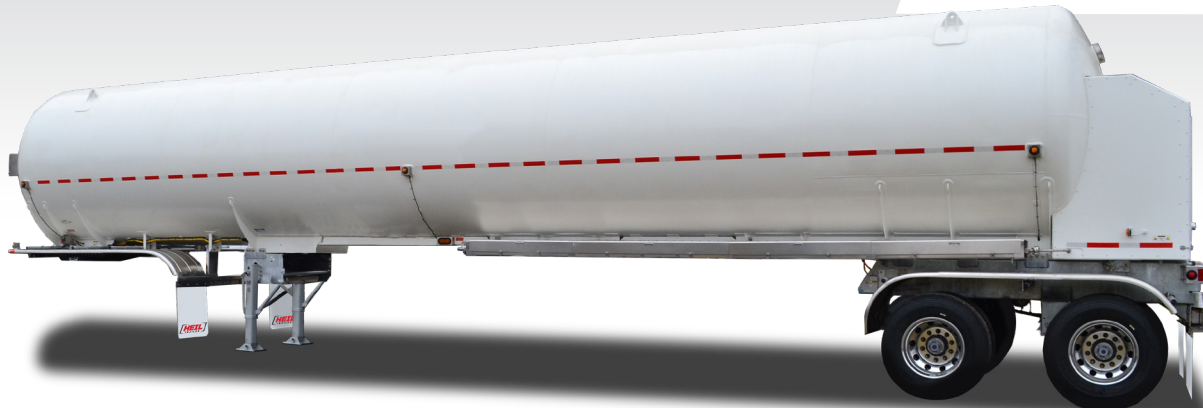
SOLUTIONS-DRIVEN

INDUSTRY LEADERSHIP

ENDURING PERFORMANCE

Liquid Hydrogen Transport

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BARREL

Inner Vessel:

- SA-240 stainless steel
- Baffles (1)
- Welded Manway
- Cleaned for oxygen service per CGA 4.1
- Radiography: RT-1

Outer Vessel:

- Carbon steel with SA-240 rear shell course and rear head
- Collapsing design pressure: 30 psig
- Lifting eyes for overturn recovery of fully loaded trailer

Insulation:

- Vacuum with super insulation and getter system

CHASSIS

- 201LN SS Subframe with white powder coat & SS fender supports
- Hendrickson INTRAAX AANT23K Suspension
- Hendrickson HXL7 RTR ADB
- Wabco 4S/2M RSS
- Hendrickson AK-54 auto dump valve
- Axle prepped for Hendrickson TIREMAAX Pro (no controller included)
- Aluminum tri-rib single-contour fenders, double-contour fenders at the rear
- 11R-22.5 Michelin XZE2 16-ply
- OEM 22.5 x 8.25 aluminum polished wheels

PIPING

- Internal/External Piping, SA-312 stainless steel
- Stainless steel cryogenic valves with extended stem
- SA-269 TP316 seamless process/instrumentation tubing
- Thermal relief valves on all pipe segments that entrap liquid
- All pressure release valves vent to (1 of 2) 4" pressure release vent stacks with flapper design.
- All blowdown purge valves vent to a 2" vent stack with flapper design.
- Liquid fill/drain and discharge lines jacketed independently from the vessel with separate evacuation valve and relief device.

MISCELLANEOUS

- (2) Teledyne Hastings DV-6S thermocouple gauges
- Liquid level indication pressure gauge with isolation and balance valves
- 1000 TCP-H2-EX flow meters for hydrogen
- Rear piping cabinet with dual rear-opening doors and (2) side-opening doors with ventilation louvers
- Truck-Lite LED, vapor-sealed interior cabinet lights
- 2 exterior LED work lights
- SA-312 TP316 pressure-building unit
- Multiple emergency shutdown air toggles located at key areas
- Anti-towaway interlock bar system
- 20 lb fire extinguisher located at street-side
- Grounding cable and (2) Scully Groundhog studs

Available options:

- Tank Ai (Lane 2) - see QR Code below for more info

WARRANTY



SILVER COVERAGE
Standard, 4-year pro-rated



GOLD COVERAGE
5 years



PLATINUM COVERAGE
7 years

Explore Tank Ai:



Contact us:



Dealer Locator:



Warranty Registration:



Heil Trailer is part of the Engineered Transportation International family of brands.