

Location: Circle K  
Orange, CA

**TRUCK AND EQUIPMENT CONSULTING LLC – SEMI TRUCK / TRACTOR INSPECTION CHECKLIST**

Date 2/23/2024  
 (Y/M/D)  
 Inspector R.F.  
 Initials

(Basic Information)	
(Truck Make+Body Type)	Volvo
(Model)	VNL64T ISX CNG Day Cab Low Roof
(Serial Number)	4V5NC9UG1LN235104
(Year of Manufacturing)	2020 (built 4/2019)
(Cab Type/Color)	Orange Wrap (over original yellow)/Gray
(Mileage/Hours)	Unk / Unk (No batteries installed)
(Engine)	s/n 75082015 Cummins ISX12N CU12 12L I6 400hp CNG
(Transmission)	Fuller F14810C2 Push Button Automatic 10 Spd

Specification and Dimensions	
Type	Compressed Natural Gas / (odor added)
Cab Sensor	Methane Fuel leak sensor
GVWR	GVWR =50,000 lbs Class 8
Air Brake/Air Bags	Yes / Yes
Front / Mid + Rear Axles	F= 12,000 lbs R= 19,000 lbs R= 19,000 lbs
Tires+Wheels Michelin/Green Max/Westl	lake F = 295/75R22.5 R=445/50R 22.5
Wheelbase	235 in * est
Fuel Capacity	80/90 Diesel Gallon Equivalent (DGE)
Rear	3.55
Storage Pressure /Temp Required	2900-3600 psi /(3600 std)// Ambient
Primary Combustible Component	Methane

- A (Near to Brand New or Excellent Condition)
- B (A little Wear and Good Condition)
- C (Fair Workable Condition for Hour Meter Reading)
- D (Workable but minor repair is required)
- E (Workable but major repair is required)

		(Check List)					(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)		X				Good appearance hood, bumper fenders Good panel gaps No damage
	(General Appearance-Rear)		X	X			Good Appearance Frame Rails,5th Wheel, Air bags split partially deflated
	(General Appearance-Right )		X	X			Good appearance right panels and panel gaps.Side Mirror base trim broken
	(General Appearance-Left )		X	X			Good appearance left panels and left side panel gaps Orange Wrap bubbling
	(General Appearance-Upper )		X				Good appearance Upper roof panels, hood, upper panel surfaces No damage
	(Major / Minor Surface Rust)		X				No rust issues Some surface rust on wheel hub centers
	(Body Panels / Covers – Rust Damage / Cancer)		X				No panel damage No rust damage Rear Cab Upper rod hanger rusty
	(Visible Weld Repairs / Stress Cracks)		X				No Weld Repairs or Patch Repairs seen
	(Glass Condition)		X	X			Windshield has 2 stone chips See photos Other glass Good Condition
	(Chassis / Undercarriage Damage)		X				No damage, No signs of accident repairs
OPERATOR'S CABIN	(Operator Cabin)		X	X			Minimal wear+tear,Good floors+steering wheel,dash center section damaged
	(Operator Controls and Switches)		X				No broken or missing switches Complete No damage seen
	(Odometer Activity)						Unable to confirm No batteries installed
	(Other Gauge Activity)						Unable to confirm No batteries installed
	(Door / Canopy Latches)		X				All Doors+Hood Latches Good working condition
	(Safety – Horn / First Aid Kit)						Unable to confirm No batteries installed
	(Operator Seat Condition)		X				Seats Good appearance No damage
	(Gas Detector Sensors)						Unable to confirm No batteries installed
(POWER OPTIONS ? FUNCTIONAL ?)						Unable to confirm No batteries installed	
ENGINE	(Oil Color / Fluid Appearance )		X				Good Appearance No visual signs of contamination
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)						Unable to confirm No batteries installed
	(Engine Exhaust Color – White / Blue / Black / Clear)						Unable to confirm No batteries installed
	(Oil Leaks )		X				None seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)						Unable to confirm No batteries installed
	(Coolant Color / Fluid Appearance )		X				Good Appearance No visual signs of contamination
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No leaks seen
	(Coolant Leaks from Radiator)		X				No leaks seen
	(Overall Engine Appearance Clean / Wet / Dry)		X				Engine Clean + Dry

ELECTRICAL	(Lighting System Condition)						Unable to confirm No batteries installed
	(Reverse Alarm / Backup Signal)						Unable to confirm No batteries installed
	(Battery Condition)						Unable to confirm No batteries installed
	(Other Electric Device Condition)						Unable to confirm No batteries installed
TIRES AUX POWER	FRONT TRACTOR TIRES		X	X			Hubs =B Good appearance / Tires = Good Tread B- Some wear on tread
	MID TRACTOR TIRES		X	X			Hubs =B Good appearance / Inner Mid Tire has tread damage= B-
	REAR TRACTOR TIRES		X				Hubs =B Good appearance / Tires = Good Tread B
	OTHER		X	X			Some Center chrome caps dented, some missing
TRANSMISSION	(Clutch Noise / Function)						Unable to confirm No batteries installed
	(Transmission Noise / Function)						Unable to confirm No batteries installed
	(Shift Lever Condition & Function)						Push Button Transmission Panel Good appearance No damage seen
	( Other Remarks)						
DIFFERENTIAL	(Rear Diff - Noises ?)						Unable to confirm No batteries installed
B R A K E S	(Foot Brake)						Unable to confirm No batteries installed
	(AIR BRAKE)						Unable to confirm No batteries installed
	(Parking Brake)						Unable to confirm No batteries installed
Undercarriage APPEARANCE	Front Axle		X				Front inner hubs and axles Good appearance No wetness or dried seepage
	Rear Axle		X				Mid inner hubs and axles Good appearance No leaks or dried seepage
	Tandem Axle		X				Rear inner hubs and axles Good appearance No leaks or dried seepage
	Suspension			X			Air bags show depression partial deflation
OPERATION	TRANSMISSION						Unable to confirm No batteries installed
	STEERING						Unable to confirm No batteries installed
	ENGINE						Unable to confirm No batteries installed
	CONTROLS						Unable to confirm No batteries installed
RATINGS	OVERALL VISUAL INSPECTION		X				Good panels+panel gaps. No rust, no panel damage Good Appearance
	COMMENTS		X	X			Orange Wrap bubbling up on drivers front fender; Inner colors not match
	OVERALL PERFORMANCE INSPECTION						NO BATTERIES INSTALLED UNABLE TO EVALUATE FULLY
	COMMENTS						INSPECT OR EVALUATE FUNCTIONALITY OR PERFORMANCE TESTS

OVERALL EXTERIOR RATING: B-/C+      QUALITY: B- / INCOMPLETE  
OVERALL INTERIOR RATING: B-      SAFETY: B / INCOMPLETE  
OVERALL PERFORMANCE: UNK      FUNCTIONALITY: UNK  
**OVERALL GRADE EVALUATION: INCOMPLETE**  
FLUID SAMPLE REQUEST (Y/N) \_n\_ OIL \_n\_ COOLANT \_n\_

**TIRES**  
\*A:Remaining Ratio      90% or more  
\*B:Remaining Ratio      70% or more  
\*C:Remaining Ratio      50% or more  
\*D:Remaining Ratio      20% or more  
\*E:Remaining Ratio      20% or less