

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)	4V5NC9UGXLN235103
(Year of Manufacturing)	2020 (built 5/2019)
(Cab Type/Color)	Yellow / Gray
(Mileage/Hours)	Unk / Unk (No batteries installed)
(Engine)	s/n 75082016 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 Goodyear/Yokohama/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 Rear Frame Rails, 5th Wheel, Air bags partially deflated
	(General Appearance-Right)		X				Good appearance right panels and right side panel gaps, No damage
	(General Appearance-Left)		X				Good appearance left panels and left side panel gaps, No damage
	(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
	(Visible Weld Repairs / Stress Cracks)		X				No Weld Repairs or Patch Repairs seen
	(Glass Condition)		X	X			Windshield has stone chip See photos Other glass Good Condition
	(Chassis / Undercarriage Damage)		X	X			No damage, No signs of accident repairs Hydraulics have dried seepage
OPERATOR'S CABIN	(Operator Cabin)			X			Areas of wear+tear, floor cover has hole, 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				Hubs =B Good appearance / Tires = Good Tread B
	MID TRACTOR TIRES		X				Hubs =B Good appearance / Tires = Good Tread B
	REAR TRACTOR TIRES		X				Hubs =B Good appearance / Tires = Good Tread B
	OTHER		X	X			Fifth Wheel Some minor surface wear+tear
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			Some interior wear+tear cosmetics issues, hydraulics have dried seepage
	OVERALL PERFORMANCE INSPECTION						NO BATTERIES INSTALLED UNABLE TO EVALUATE FULLY
	COMMENTS						INSPECT OR EVALUATE FUNCTIONALITY OR PERFORMANCE TESTS

OVERALL EXTERIOR RATING: B

QUALITY: B- / INCOMPLETE

*A:Remaining Ratio

TIRES

90% or more

OVERALL INTERIOR RATING: C+

SAFETY: B / INCOMPLETE

*B:Remaining Ratio

70% or more

OVERALL PERFORMANCE: UNK

FUNCTIONALITY: UNK

*C:Remaining Ratio

50% or more

OVERALL GRADE EVALUATION: INCOMPLETE

*D:Remaining Ratio

20% or more

FLUID SAMPLE REQUEST (Y/N) _n_ OIL _n_ COOLANT _n_

*E:Remaining Ratio

20% or less