

Location: Sierra Pacific West
Vista, CA

TRUCK AND EQUIPMENT CONSULTING LLC – STREET SWEEPER TRACTOR

Date (Y/M/D) 12/13/2022
 Inspector Initials D.K.

(Basic Information)	
(Make)	Freightliner
(Model)	M2106 4X2 Business Class
(Serial Number)	1FVACYBS37HX49528
(Year of Manufacturing)	2007 (built 9/2006)
(Color)	White
(Mileage/Hours)	Hours N/A Truck =16,049 miles/ System =15,844.4
(Engine)	s/n 46657621 Cummins ISC-240 8.3L 240Hp I6 TurboD
(Transmission)	Allison 3500RDS 5 Spd Automatic
(Class/GVWR)	Class 8 / GVWR =35,000 lbs

- 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)

Specification and Dimensions	
Front / Rear Axles	Front =12,000 lbs / Rear =23,000 lbs
Air Brake / Hydraulic	Air Brake
Rear Ratio	5:43: 2 Spd Rear Axle
Tire Size	Westlake 11R22.5 22.5 x 8.25 rims
DMV	Calif Thru 1/2024
Sweeper Make+Model	Allianz Madvac Johnston MS350
Sweeper Engine	CAT C7 7.2L I6 230Hp Turbo D (Single Engine)
Debris Discharge	Hydraulic Variable Side Dump / Max 120 in height
Hopper Capacity/Discharge Door	Hopper Capacity =4.5 yd3 / Door =41 inch
Main Broom	Length =58 in / Diameter =34.5 in
Gutter Broom	x2 44 in (round)
Sweep Path	120 in
Conveyor Width/ Water Tank Capacity	Width =58 in / Capacity =375 gal
Other	Rear Camera (working) Travel Speed limited 55 mph, 60 gal fuel tank

	(Check List)						(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)		X				Level Stance, Good grille+chrome bumper, Good panel gaps, No damage
	(General Appearance-Rear)		X				Good appearance tailgate, rear bed+hydraulics, straight panels
	(General Appearance-Right)		X				Good panel gaps+ fitment
	(General Appearance-Left)		X				Good panel gaps+ fitment
	(General Appearance-Upper)		X				Good appearance upper surfaces, cab roof, upper dump panels, hood
	(Major / Minor Surface Rust)		X				No Rust Damage
	(Body Panels / Covers - Rust Damage / Cancer)		X				No Panel Damage No Rust Damage or Cancer seen
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs or patch repairs seen No cracks
	(Glass Condition)		X				Good Glass
	(Chassis / Undercarriage Damage)		X				Good appearance frame rails, chassis+crossmembers Dry No damages
CABIN X2	(Operator Cabin)		X				Complete, Solid Floors, Straight panels, Good Appearance No damage
	(RIGHT + LEFT SIDE Operator Controls and Switches)		X				R+L Steering Wheels+Controls Complete Good Appearance+Function
	(Odometer Activity)		X				Working
	(Other Gauge Activity)		X				Good appearance driver displays+gauges No error or service codes
	(Door / Canopy Latches)		X				Good function
	(Safety - Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)		X				Both Seats Good Condition
	(Other)			X			Check Engine / Service Light Lit Sweeper Controls Good function
TRUCK ENGINE	(Oil Color / Fluid Appearance)		X				Good Clean Oil Appearance
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)			X			Noise after startup Screeching belt/bearing type noise at shutdown
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Clear at start up Clear at Operating Temperature
	(Oil Leaks)		X				None seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues No Blow By seen
	(Coolant Color / Fluid Appearance)		X				Normal appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No pump noises No coolant leaks seen
	(Coolant Leaks from Radiator)		X				None seen
	(Overall Engine Appearance Clean / Wet / Dry)		X				Dry appearance No damage or rust seen
(Other)		X				Hydraulic Oil Service Marked 1/19/2011	

ELECTRICAL HOPPER DEBRIS DISCHARGE MAIN BROOM GUTTER BROOMS x2 CONVEYOR WATER TANK CONTROLS SWEEPER ENGINE	(Lighting System Condition)	X				Working
	(Reverse Alarm / Backup Signal)	X				Working
	(Battery Condition)	X				Good Appearance
	(Other Electric Device Condition)	X				No loose or dangling wires seen
	(HOPPER APPEARANCE)	X				Good appearance Some dirt + dried debris No damage
	(SIDE DUMP HYDRAULICS)	X	X			UNK Owner unsure/unable to demo/run hopper side lift+dump hydraulics
	(DISCHARGE DOOR)	X				Good appearance of discharge door No damage
	(MAIN BROOM APPEARANCE+FUNCTION)	X				Good appearance of main broom Minimal wear No damage seen
	(GUTTER BROOM APPEARANCE+FUNCTION)	X				Good appearance of #1 gutter broom Minimal wear No damage seen
	(x2 GUTTER BROOM APPEARANCE+FUNCTION)	X				Good appearance of #2 gutter broom Minimal wear No damage seen
	(APPEARANCE+FUNCTION)	X				Good appeance of conveyor No damage seen
	(APPEARANCE+FUNCTION)	X	X			Unable/Unsure to demo sprayer Water tank good appearance No damage
	(SWEEPER CONTROL PANEL)	X				Good appearance control panel No broken or missing switches or damage
	(UNUSUAL NOISES, LEAKS)	X				None seen
	(Oil Color / Fluid Appearance)	X				Good appearance
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)	X				Sweeper engine Good performance No unusual noises
	(Engine Exhaust Color - White / Blue / Black / Clear)	X				Clear at start up Clear at Operating Temperature
(Oil Leaks)	X				No oil leaks seen	
TIRES + RIMS	FRONT TIRES+RIMS	X				Front Tires = B
	REAR TIRES+RIMS X2	X				X2 Mid Axle Tires Good = B
	BACK TIRES+RIMS X2	X				X2 Rear Axle Tires Good = B
	OTHER	X				
TRANSMISSION	(Clutch Noise / Function)	X				Good travel function No unusual noises or delays
	(Transmission Noise / Function)	X				Good Transmission function Forward and Reverse
	(Shift Lever Condition & Function)	X				Good Shifter function
	(Other Remarks)	X				Good Tranmssion Function
DIFFERENTIAL	(Rear Diff - Noises ?)	X				No Rear Diff Noises heard
B R A K E S	(Foot Brake)	X				Good
	(AIR BRAKE)	X				Working
	(Parking Brake)	X				Good function
OPERATION	FORWARD & REVERSE	X				Good Forward and Reverse
	STEERING + BRAKES	X				Good Steering and Brakes
	ENGINE	X				Engine Good Response
	CONTROLS	X				Controls Good Function and Response
RATINGS	OVERALL VISUAL INSPECTION	X				Good dry appearance engine, hydraulics, components No rust or damage
	COMMENTS	X	X			Check Eng light lit Sweeper components, brushes, hydraulics No damage
	OVERALL PERFORMANCE INSPECTION	X	X			Noise after startup+ shutdown Good steering, brakes,forward+reverse
	COMMENTS	X	X			Owner Unsure/unable to demo water or hopper side lift+dump hydraulics

OVERALL EXTERIOR RATING: B QUALITY: B/B-
OVERALL INTERIOR RATING: B SAFETY: B
OVERALL PERFORMANCE: B / Incomplete FUNCTIONALITY: B / Incomplete
OVERALL GRADE EVALUATION: B / Incomplete
FLUID SAMPLE REQUEST (Y/N) n OIL n COOLANT n

TRANSPORT DIMENSIONS:

Length: 22 Ft 4 in
Width: 8 Ft
Height: 9 Ft 6 in
Wheelbase: 128 in

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 .