

June 27 Tues last week of June
Alcoa Betterton Dock

lock off 3+4 speeds

Mobile Rail Car Mover Checklist

TM

MAKE: ~~Hercules~~ tracks mobile MODEL: Hercules

Date Return Inspection Begins: 6-27-17

Machine Serial Number: LGN991520612 Hours: 3520

Cummins
Engine: ACEXLO19.AAD Engine Serial Number: 73372521

Comments: Turbo oil tube leaking, exhaust leaking at Turbo + end pipe, tranny cooler clogged
Brake Pads on Rail wheels Broken Need Replaced, Compressor separator tank leaking
Park Brake caliper Bad front engine motor mounts & Bolts need Replaced

No remote control "hash marks" on report correspond to "not applicable"

Michelle, RV Sales, Conell

INSPECTION CHECKLIST

Job #

Serial #

Hours

1	MAIN FRAME	OK	RPR	RPL	Comments
1	Frame Integrity (Cracks)				
2	High-Rail Cylinder Brackets & Pin Holes				
3	Battery Box				
4	Oscillating Brackets (Bushing & Pins)	✓			
5	Switchman steps				

Comments: _____

2	POWER PLANT	OK	RPR	RPL	Comments
1	Engine & Mounts				
2	Engine Oil Level	✓			Bolts loose
3	Engine Oil Pressure (At Full RPM With Manual Gauge)(Lbs)	✓			
4	Engine Coolant (-40F)	✓			
5	Air Cleaner Assembly	✓			
6	Air Intake System Assembly	✓			
7	Belts	✓			
8	Hoses	✓			
9	Radiator & Mounts	✓			
10	Exhaust Pipe, Muffler & Rain Cap		✓		Rainy cover closed
11	Throttle Cable & Brackets		✓		Turbo + and pipe leaking
	Transmission	✓			
12	Transmission Oil Level	✓			
13	Transmission Shifter	✓			
14	Forward & Reverse (1-2-3)	✓			
15	Transmission Cooler Fan	✓			

Comments: _____

Supervisor

Date

3	DRIVE TRAIN	OK	RPR	RPL	Comments
1	Wheels & Tires	✓			
	FRONT AXLE	✓			
2	King Pin Bushing (4)	✓			
3	Steering Cylinder & Pins	✓			
4	Stright Ahead (Working-Adjustment-Lube	✓			
5	Steering Knuckle Cylinder Bushing (2)	✓			
6	Steering Knuckle	✓			
7	Axle & Spindle Seals (4)	✓			
8	Differential Oil Leaks	✓			
9	Pinion Seal Oil Leak	✓			
10	Drivshaft & U-Joint	✓			
	REAR AXLE	✓			
11	Differential Oil Leaks	✓			
12	Pinion Seal Oil Leak	✓			
13	Driveshaft & U-Joint	✓			

Comments: _____

4	BRAKES	OK	RPR	RPL	Comments
1	Brake Callipers	✓			
2	Brake Disc	✓			
3	Master Cylinders	✓			
4	Parking Brake	✓			

Comments: _____

Supervisor

Date

5	CAB	OK	RPR	RPL	Comments
1	Cab Integrity	✓			
2	Windshield Wipers (Bent or Broken)	✓			
3	Rear Wipers (1 or 2)	✓			
4	Horn (2)	✓			
5	Seat Belt (3)	✓			
6	Seat Upholstery (Drive &	✓			
7	Seat Adjustor	✓			
8	Seat Rotation Locks	✓			
9	Floor Mat	✓			
10	Cab Interior	✓			
11	Dome Lights (2)	✓			
12	Dash Lights	✓			
13	High Water--Low Oil Engine Warning Buzzer	✓			
14	Hydraulic Temperature Warning Light	✓			
15	Transmission Temperature Warning Light	✓			
16	Low Air Warning Buzzer & Light	✓			
17	Accumulator Light	✓			
18	Park Brake Light	✓			
19	Low rail Pressure Warning Buzzer & Light	✓			
20	Oil Pressure Gauge	✓			
21	Engine Temperature Gauge	✓			
22	Amperage Gauge (DC Volts)	✓			
23	Fuel Gauge	✓			
24	Tachometer With Hour Meter	✓			
25	Transmission Temperature Gauge	✓			
26	Air pressure Gauge	✓			
27	Rail Air Pressure & Brake Gauge	✓			
28	Rail Hydraulic Pressure Gauges (2)	✓			
29	Heater- If Equipped (Check all speeds)	✓			
30	Air Conditioning-If equipped	✓			
31	Deforster Fans (2)	✓			
32	Front Windshield	✓			
33	Rear Windows	✓			
34	Door Windows	✓			
35	Side Windows	✓			
36	Door Window Regulators	✓			
37	Door Latches Side & Rear	✓			
38	Door Hinges Side & Rear	✓			
39	Turn Signal Switch	✓			
40	Front Head Light Switch	✓			
41	Rear Head Light Switch	✓			
42	Strobe Light Switch	✓			
43	Rail & Coupler Light Switch	✓			Rail Lights OK

Supervisor

Date

CAB		OK	RPR	RPL	Comments
44	Deforster Fan Switchs (2)	✓			
45	Park Brake Switch	✓			
46	Coupler Postion Switchs (2)	✓			
47	Coupler Release Switchs	✓			
48	Rail Wheels Up Switch (2)	✓			
49	Streeering Lock Switch	✓			
50	Drive Mode Switch				
51	Rail Air Brake Control Valve	✓			

Comments: _____

6 ELECTRICAL		OK	RPR	RPL	Comments
1	Strobe Light	✓			
2	Front Head Light	✓			
3	Front Park Light	✓			
4	Rear Head Light	✓			
5	Rear Stop & Tail & Turn Light	✓			
6	Front & Rear Rail Wheel & Coupler Light	✓			
7	Switchman Step Light				
8	Work Light		✓		Both work lights bad
9	Stop Light Switch	✓			Rail light bad
10	Back Up Alarm	✓			
11	Battery & Battery Cables	✓			
12	Master Disconnect Switch	✓			
13	Sanders (8) & sander Relay (2)	✓			
14	General Wiring Condition	✓			

Comments: _____

7 HYDRAULIC		OK	RPR	RPL	Comments
1	Hydraulic Tank Integrity	✓			
2	Hydraulic Oil Level	✓			
3	Hydraulic Hoses/ Tubing (Wear)	✓			
4	General Hose Condition	✓			

Comments: _____

Supervisor

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8 COUPLERS		OK	RPR	RPL	Comments
1	Coupler tower (check for excess play)				
2	Coupler tower (check for cracks or impact damage)				
3	Follower plates (cracks broken)				
4	I-Bolt (excessive wear)				
5	Rebound pads (cracks, damage, bulging)				
6	Coupler Box (damage)				
7	Coupler Cover Plate				
8	Hold Down Plates & Wear Angle				
9	Opens and closes freely				
10	Coupler hydraulic cylinders (leaks and functional)	✓			
11	Coupler Air Release cylinders	✓			

Comments: _____

9 RAIL GEAR		OK	RPR	RPL	Comments
1	Rail Arm pins and bushings (excess play/wear)				
2	Spindle (damage, bent)				
3	Wheel Flanges (check gauge 53 3/8)	✓			
4	Grease Seals				
5	Rail Gear Hydraulic Cylinders				
6	Rail Gear Cylinder Pins				
7	Hydraulic Hoses	✓			

Comments: _____

10 AIR SYSTEM		OK	RPR	RPL	Comments
1	Leaks--Air & Oil	✓			
2	Belt Condition (Ingersol rand only)	✓			
3	Air drains (operational)	✓			
4	In-line air strainer	✓			

Comments: _____

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