

Pictures Linked 4/25/18

Mobile Rail Car Mover Checklist

MAKE :: TRACKMOBILE MODEL: HERCULES

Date Return Inspection Begins: 4-20-18

Machine Serial Number: LGN991360712 Hours: 4310 HRS

Engine: Cummins Engine Serial Number: 73405863

Comments: Unit has a working remote control

OK
scan

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	✓			
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	✓			
11	Throttle Cable & Brackets	✓			
	Transmission				<i>clean joystick</i>
12	Transmission Oil Level	✓			
13	Transmission Shifter	✓			
14	Forward & Reverse (1-2-3)	✓			
15	Transmission Cooler Fan	✓			

Comments: _____


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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 Seats (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	✓			N/A

Comments: _____


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5	CAB	OK	RPR	RPL	Comments
1	Cab Integrity	✓			
2	Windshield Wipers (Bent or Broken)	✓			
3	Rear Wipers (1 or 2)	✓			
4	Horn (2)	✓			1
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)	✓			Dirty
12	Dash Lights	✓			1 White 1 Red
13	High Water-Low Oil Engine Warning Buzzer	✓			N/A
14	Hydraulic Temperature Warning Light	✓			DISPLAY
15	Transmission Temperature Warning Light	✓			DISPLAY
16	Low Air Warning Buzzer & Light	✓			DISPLAY
17	Accumulator Light	✓			DISPLAY
18	Park Brake Light	✓			N/A
19	Low rail Pressure Warning Buzzer & Light	✓			IN SWITCH
20	Oil Pressure Gauge	✓			DISPLAY
21	Engine Temperature Gauge	✓			DISPLAY
22	Amperage Gauge (DC Volts)	✓			DISPLAY
23	Fuel Gauge	✓			DISPLAY
24	Tachometer With Hour Meter	✓			DISPLAY
25	Transmission Temperature Gauge	✓			DISPLAY
26	Air pressure Gauge	✓			DISPLAY
27	Rail Air Pressure & Brake Gauge	✓			DISPLAY
28	Rail Hydraulic Pressure Gauges (2)	✓			DISPLAY
29	Heater- If Equipped (Check all speeds)	✓			N/A
30	Air Conditioning-if equipped	✓			N/A
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	✓			LOOSE
38	Door Hinges Side & Rear	✓			
39	Turn Signal Swith	✓			N/A
40	Front Head Light Switch	✓			
41	Rear Head Light Switch	✓			
42	Strobe Light Switch	✓			
43	Rail & Coupler Light Switch	✓			N/A


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CAB		OK	RPR	RPL	Comments
44	Deforster Fan Switchs (2)	✓			ON FANS
45	Park Brake Switch	✓			
46	Coupler Positon Switchs (2)	✓			
47	Coupler Release Switchs	✓			
48	Rail Wheels Up Switch (2)	✓			
49	Steering Lock Switch	✓			
50	Drive Mode Switch	✓			N/A
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	✓			N/A
5	Rear Stop & Tail & Turn Light	✓			
6	Front & Rear Rail Wheel & Coupler Light	✓			
7	Switchman Step Light	✓			
8	Work Light	✓			
9	Stop Light Switch	✓			
10	Back Up Alarm	✓			
11	Battery & Battery Cables	✓			
12	Master Disconnect Switch	✓			
13	Sanders (8) & sander Relay (2)	✓			
14	General Wiring Condition	✓			

Comments: TRACK LIGHTS UNDER CAB DON'T WORK

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

Comments: _____


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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	Followor plates (cracks broken)	✓			
4	I-Boit (excessive wear)	✓			
5	Rebound pads (cracks, damage, bulging)	✓			N/A
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	✓			ROAD CYLINDERS
6	Rail Gear Cylinder Pins				
7	Hydraulic Hoses	✓			

Comments: RAIL CONTROLLED BY ROAD WHEELS

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

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