

## EQUIPMENT NEEDED FOR PURCHASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
6	111A100W3	23,500	Exterior Coils, Insulated, Lined, Top & Bottom Unloading	Vegetable Oil / Soap Stock	12821
50-100	117A100W1	30,000	Non-Coiled, Non-Insulated		12842
25	BOX	50'			12788
25	FLAT	85'	110 Ton Trucks		12841
100	GONDOLA	2,200	Side Dump	Aggregate	12815
130	GONDOLA	4,000	Twin Tub	Coal	12858
100-120	GONDOLA	4,000			12831
300	GONDOLA	4,680	Flat Bottom, 100+ Ton Trucks	Waste	12748
200	GONDOLA	ANY	Mill		12710
<b>ANY</b>	<b>HOPPER</b>	<b>3,000+</b>	<b>Steel Bodies, 110 Ton Trucks</b>		<b>12875</b>
3-4	HOPPER	3,300	Gravity Gates		12702
<b>100</b>	<b>HOPPER</b>	<b>4,000</b>	<b>Steel Bodies</b>		<b>12869</b>
<b>100</b>	<b>HOPPER</b>	<b>4,000</b>	<b>Aluminum Rapid Discharge, 110 Ton Trucks</b>		<b>12880</b>
ANY	HOPPER	5,800	Pneumatic Gates	Plastic Pellets	12789
4-5	LO	3,000	Gravity Gates	Sand	12720
ANY	LO	3,500	Gravity Gates	Calcium Chloride	12772
50	LO	3,800+	Gravity Gates		12683
100-200	LO	4,750	3 Pocket, 110 Ton Trucks		12835
100-200	LO	4,750	Trough Hatches, Gravity Gates	Grain	12769
50	LO	5,750	Trough Hatches, 110 Ton Trucks	Grain	12731

## BATTLE CARS OF RAIL

During the Civil War, rail played a very large part of both armies. One of the most fascinating aspects at that time was the use of railcars not just in a supply capacity, but as actual battle participants. Railroad monitors, rifle cars and even hand carts each had a part to play.

Open flat cars had been used to haul cannons to and engage in battle as a moving platform. However, in 1862 the Battle of the Ironclads, armored ships known as the Monitor and the Merrimack fought to a draw. This battle showcased the capabilities of iron plate to fend off artillery fire. Rail engineers took note and before long, rail "Monitors" appeared.

Initial armored cars were little more than iron boxcars with openings cut for artillery and small arms fire. These versions were not able to withstand heavier fire. Similar cars that appeared to be normal boxcars had interior armor and were called rifle cars. These cars had many rifle openings around the cars and served as mobile guard stations or would be part of supply trains.

Heavier cars with thick angled plating to deflect light artillery, had cannon aboard. Simpler versions had one angled plate at one end supported and framed by heavy timbers. A single cannon slid on recoil tracks. Larger versions looked like long pyramids and enclosed multiple cannons. These rifle and monitor cars were the precursors to modern fighting infantry vehicles and tanks.

Small groups of these cars, coupled together created iron clad trains. Locomotives and tenders were placed in the middle to protect them. Coupled to either end of the locomotive and tender were rifle cars with monitor cars at each end. Such arrangements created formidable firepower in a mobile capacity.

Far more stealthy than engine powered armored cars, hand carts proved useful for scouting, inspecting rail or evacuating the wounded. Some larger ones even carried small cannon known as parrot guns with rifled barrels and 10 pound projectiles.

<http://www.historynet.com/railroads-critical-role-in-the-civil-war.htm>  
<http://www.firstmdus.net/Rail%20cars.htm>

Items Highlighted In Italics Designate New Listings



## RAILWAY EQUIPMENT LISTING Published By: TRANSMATRIX, INC.

570 East Higgins Road, Suite 200  
Elk Grove Village, IL 60007-1442

PHONE: (847) 228-6022

FAX: (847) 228-6029

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## EQUIPMENT AVAILABLE FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
1	111A100W1	20,000	Top & Bottom Unloading	Lube Oil	12832
3	111A100W1	20,000	Interior Coils, Non-Insulated, Top & Bottom Unloading	Magnesium Chloride	12808
<b>50</b>	<b>111A100W3</b>	<b>20,000</b>	<b>Exterior Coils, Insulated, 110 Ton Trucks</b>		<b>12873</b>
3	111A100W3	20,000	Exterior Coils, Insulated	Decanted Oil	12807
15-20	111A100W1	20,800			12715
13	111A100W3	21,000	Exterior Coils, Insulated	MDI	12816
<b>21</b>	<b>111A100W3</b>	<b>23,500</b>	<b>Exterior Coils, Insulated</b>	<b>Bio Diesel</b>	<b>12866</b>
15	111A100W3	23,500	Exterior Coils, Insulated, Top & Bottom Unloading	Tar Oil	12746
3	111A100W3	23,800	Exterior Coils, Insulated, Hazmat Equipped	Various	12809
100	111A100W3	25,400	New Cars, Exterior Coils, Insulated		12776
<b>15</b>	<b>111A100W1</b>	<b>30,000</b>	<b>Non-Coiled, Non-Insulated, Clean or Last Contents</b>	<b>Ethanol</b>	<b>12868</b>
21	117A100W1	30,000	New Cars, 110 Ton Trucks, Top Unloading, Meets all Packing Group requirements, Can be returned well drained if used in ethanol		12774
<b>20</b>	<b>112J340</b>	<b>33,500</b>	<b>Clean with Nitrogen Pad, 2002 Built</b>	<b>Anhydrous Ammonia</b>	<b>12867</b>
23	FLAT	7.3'	100 Ton Trucks	Logs	12824
100	FLAT	73'	Center Beam, 110 Ton Trucks	Lumber	12744
6	GONDOLA	65'	Mill, 5' Sides	Steel	12768
9	GONDOLA	4,000	Flat Bottom, No Interior Bracing		12704
32	GONDOLA	4,170	Single Tub, No Interior Bracing		12705
22	HOPPER	3,281	Gravity Gates	Sand	12792
75	HOPPER	3,840	Steel, Manual Gates, 110 Ton Trucks		12707
<b>100</b>	<b>HOPPER</b>	<b>4,000</b>	<b>Steel Bodies, Rotary Dump</b>		<b>12877</b>
25	PD	3,915	14.7 PSI	Barite	12837

Items Highlighted In Italics Designate New Listings

## EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
2	111A100W1	13,000	Lined, Bottom Unloading	Calcium Carbonate	12825
3-4	111A100W2	13,500	Exterior Coils, Insulated, Rubber Lined, Top Unloading Only	Phosporic Acid	12771
3-4	111A100W1	16,500	Lined	Caustic Soda	12663
ANY	107A	17,000		Argon	12688
1-10	111A100W1	20,000	Lining Preferred, Short Term	Ligno Sulfonate	12845
2	111A100W1	20,000	2 Compartments, Top & Bottom Unloading	Lube Oil	12734
1-3	111A100W1	20,000+	2 Compartments, Top & Bottom Unloading	Solvents	12843
50	111A100W3	20,000+	Exterior Coils, Insulated		12813
15-30	111A100W3	21,000	Exterior Coils, Insulated	Lignin Liquor	12747
2	111A100W3	21,000	Exterior Coils, Insulated, Lined	Urea Liquor	12737
1	111A100W1	23,500	Hazmat Equipped		12698
10	111A100W3	23,500	Exterior Coils, Insulated, Top & Bottom Unloading	Parrafin Wax	12800
1-15	111A100W1	23,500		Dicyclopentadiene	12673
6	111A100W3	23,500+	Exterior Coils, Insulated, Lined, Top & Bottom Unloading	Vegetable Oil / Soap Stock	12821
<b>10</b>	<b>111A100W1</b>	<b>25,500</b>	<b>Short Term</b>	<b>Crude Glycerine</b>	<b>12871</b>
2	111A100W1	26,000	Top & Bottom Unloading	Used Oil	12783
5	111A100W1	26,000	Top & Bottom Unloading	Lube Oil	12736
4	111A100W1	30,000	Top & Bottom Unloading, Hazmat Equipped	Ethanol	12780
3	111A100W1	30,000	Top & Bottom Unloading	Fuel	12728
<b>20</b>	<b>111A100W1</b>	<b>31,800+</b>	<b>110 Ton Trucks</b>	<b>Ethanol</b>	<b>12870</b>
5	FLAT	60'	Steel Decks, Bulkheads		12798
25	FLAT	85'	110 Ton Trucks	Containers	12841
200	GONDOLA	ANY	Mill		12710
100	GONDOLA	2,200	Side Dump	Aggregate	12815
5-10	GONDOLA	2,500	Mill	Iron Ore / Magnetite	12826
<b>ANY</b>	<b>GONDOLA</b>	<b>3,000+</b>	<b>Steel Bodies, 110 Ton Trucks</b>		<b>12875</b>
40-50	GONDOLA	4,000	Steel Bodies, 100 Ton Trucks Lease with option to buy.	Scrap	12849
ANY	HOPPER	3,800			12676
40	LO	4,750	Trough Hatches, Gravity Gates, Lined	Ammonium Nitrate	12694

*Items Highlighted In Italics Designate New Listings*

## EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
50	LO	5,750	Trough Hatches, 110 Ton Trucks	Grain	12731
<b>2</b>	<b>PD</b>	<b>5,000+</b>	<b>Airslide</b>		<b>12876</b>

## EQUIPMENT AVAILABLE FOR SALE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
100	111A100W3	25,400	New Cars, Exterior Coils, Insulated, Top & Bottom Unloading		12776
150	111A100W1	29,000	Exterior Coils, Insulated	Crude Oil	12848
12	111A100W1	30,000	1982 Built, 100 Ton Trucks		12839
100	111A100W1	30,000		Crude Oil	12717
60+	BOX	50'	Single Sliding Door, Rigid Undercarriage, 70 Ton Trucks		12775
150	FLAT	59' / 89'	Bulkheads		12794
40	FLAT	60'	Bulkheads		12844
23	FLAT	73'	100 Ton Trucks	Logs	12824
61	FLAT	85'			12840
49	GONDOLA	2,800	Mill Gondola, 110 Ton Trucks		12801
34	GONDOLA	4,000	Flat Bottom, Steel Body		12833
800+	GONDOLA	4,000-4,700	Aluminum, Flat Botom	Coal	12846
<b>250</b>	<b>GONDOLA</b>	<b>4,400</b>	<b>Twin Tub, Aluminum, 110 Ton Trucks</b>	<b>Western Coal</b>	<b>128</b>
<b>4</b>	<b>GONDOLA</b>	<b>6,592</b>	<b>Two Pocket</b>	<b>Wood Chips</b>	<b>12786</b>
<b>50</b>	<b>GONDOLA</b>	<b>7,400</b>	<b>Rotary Dump</b>	<b>Wood Chips</b>	<b>12872</b>
90+	HOPPER	1,970	Longitudinal Gate	Ore	12678
7	HOPPER	2,100	Gravity Gates, 70 Ton Trucks	Ballast	12732
119	HOPPER	3,800	Aluminum, Rapid Discharge, 110 Ton Trucks	Coal	12799
<b>100+</b>	<b>HOPPER</b>	<b>4,000</b>			<b>12877</b>
<b>120</b>	<b>HOPPER</b>	<b>4,300</b>	<b>Autoflood, Aluminum, 110 Ton Trucks</b>		<b>12879</b>
25	LO	4,750	1980 Built, 100 Ton Trucks		12836
130	SCRAP	85'	133,000 Light Weight		12680

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