

EQUIPMENT NEEDED FOR PURCHASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
2	111A100W2	16,000-20,000	Non-Coiled, Non-Insulated, Top Unloading Only	Phosphoric Acid	11342
1	111A100W3	20,000	Insulated, Storage Only	Vegetable Oil	11780
2	111A100W1	20,000-26,000	Non-Coiled, Non-Insulated, Storage Only	Water	11808
2-3	111A100W1	20,000-27,000	Storage Only, Must Be Coiled	Wax	11878
ANY	111A100W1 112J340W	20,000-33,500	Any 50 Year Tank Cars	Various	11283
ANY	112J340W	33,500	Insulated, Top Unload Only	LPG	10734, 11143
20	FLAT	50'-60'	100 Ton Trucks, Side Stakes		11819
56	FLAT	60'	60' Between Couplers, 100 Ton Trucks, 50 Year Cars		11905
100	FLAT	89'	100 Ton Trucks		11894
150	GONDOLA	52'	5' or Less Sides, 286,000 Capacity		11842
1	GONDOLA	1,400+	Hinged Sides on Both Sides	Ballast	11502
30	GONDOLA	4,000	Flat Bottom, Older Cars, For Interchange	Rail Ties	11800
4-6	GONDOLA	6,500+	Need End Gates, 100 Ton Trucks	Tree Bark	11871
10-80	GONDOLA	7,000+	Flat Bottom, With or Without End Gates	Woodchips	11882
70	HOPPER	2,000+	100 Ton Trucks, Rapid Discharge	Aggregate	11913
15	HOPPER	3,400+	In-Plant Service Only	Coal	11891
5-10	LO	2,600+	2 Compartments, 100 Ton Trucks	Sand	11855
10	LO	4,000+	Trough or Round Hatches, Gravity Gates	Road Salt	11711
30	LO	4,000-5,250	Trough or Round Hatches, Gravity Gates	Road Salt	11817
200	LO	4,750	Trough Hatches, Gravity Gates	Grain	11896
10-12	PD	2,600-3,000	Round Hatches, 15 PSI, Must be Interchangeable		11915

RAIL IN THE CIVIL WAR

At the start of the civil war the North had a huge advantage over the South in manpower, existing rail resources and manufacturing capacity. The total population of the North was over 20 million, including more than a million industrial workers. On the other hand, the South held less than 10 million people with little more than 100,000 employed in industry. Of total trackage, the North possessed over 20,000 miles of track, the South, less than 10,000. Production itself was extremely unbalanced as the South owned but a single facility capable of producing or repairing iron rail.

Despite this huge imbalance of railroad resources, the South was initially much more savvy in their use. In the first battle of Bull Run in 1861, the much larger Union forces were defeated when the Southern Generals were able to move entire armies into the conflict via rail. By contrast Northern rail was largely ignored, with the rail barons more interested in preying upon the war effort for profits.

Ultimately, rail came to play a very important part in the war for both sides. The South continued to effectively move forces from less pressured areas to battle zones throughout the war. Once President Lincoln enacted legislation allowing the government to seize rail lines, Northern rail soon fell in line as well. Not only did rail serve a purpose as an efficient source of supply, it also had more direct uses in war as well. Armored railcars were developed for use as artillery platforms and as moveable bunkers for riflemen. Solitary locomotives could move at speeds far greater than calvary, making them quite capable for surveillance missions as well as couriers when telegraph wires were down.

The Civil War was the first war to turn rail into an effective weapon. By the end of the war, the much greater industrial capabilities in the North allowed Union forces to use rail to grind down the will of the South.

Items Highlighted In Italics Designate New Listings

THE INSIDE TRACK

RAILWAY EQUIPMENT LISTING
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EQUIPMENT AVAILABLE FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
6	111A100W2	13,300	Non-Coiled, Non-Insulated, Top Unloading Only, 5 Year Minimum Lease	Sulfuric Acid	11627
10	111A100W3	16,000	Non-Coiled, Insulated, Top & Bottom Unloading, Lined	Caustic Soda	11717
7	111A100W3	17,500	Exterior Coils, Insulated, New Phenolic Epoxy Linings, Top & Bottom Unloading		11881
30	111A10W6	20,800	Non-Coiled, Insulated, Top Unloading Only, Stainless Steel	Food Grade	11836
11	111A60ALW3	20,500	Exterior Coils, Insulated, Aluminum, Short Term Until 12/31/10 or 7 Year Minimum		11888
9	AAR211A60W	23,500	Exterior Coils, Insulated, Top & Bottom Unloading, Non-hazardous Only	Tallow / Vegetable	11910
7	AAR211A60W	25,500	Exterior Coils, Insulated, Top & Bottom Unloading, Non-hazardous Only	Tallow / Vegetable	11860
60+	BOX	58'	100 Ton Trucks, Plate F, Double Plug Doors		11868
15	FLAT	66'	Bulkheads, Cushioned Underframe, 100 Ton Trucks		11628
41	GONDOLA	2,244	100 Ton Trucks, 4'6" Sides	Aggregate	11755
20	GONDOLA	2,494	Flat Bottom Mill Gons, 5' Sides		11781
50+	GONDOLA	4,200	Rotary Dump, Short or Long Term	Construction Debris	11739
150	HOPPER	2,800	Airslides, 3 Pocket, 286,000 Capacity	Aggregate	11876
38	HOPPER	3,850	50 Year Cars, Rapid Discharge	Coal	11550
23	LO	2,900	2 Compartment, Aluminum Body	Sodium Chlorate	11702
47	LO	2,931	Round Hatches, Gravity Gates, 100 Ton Trucks	Sand	11549
80	LO	4,650	Round Hatches, Gravity Gates, 3 Pocket	Gypsum	11756
16	PD	3,500	125 Ton Trucks, ACF Built	Cement	11830
6	PD	5,000	15 PSI, Food Grade Linings	Organic Flour	11874
1	PD	5,750	5 P.S.I.		11884
4	PD	5,852	5 P.S.I.		11884

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EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
3	111A100W2	13,000	Non-Coiled, Lined, Short Term	Sulfuric Acid	11889
3	105J600W3	13,500	Non-Coiled, Insulated, Top Unloading Only	Anhydrous Hydrogen Chloride	11268
2-3	111A100W3	16,000+	Exterior Coils, Insulated, Lined, Top & Bottom Unloading	Calcium Chloride	11252
2	111A100W2	16,000-20,000	Non-Coiled, Non-Insulated, Top Unloading Only, Lined	Phosphoric Acid	11341
8	111A100W3	17,000	Exterior Coils, Insulated, Lined	Sodium Hydroxide	11784
4-5	111A100W3	17,500	Exterior Coils, Insulated, Top & Bottom Unloading, Plasite 4100 or Equivalent Lining	Sodium Bisulfite	11922
10	111A100W1	20,000-25,000	Non-Coiled, Non-Insulated, Must be 3 Compartment Cars	Motor Oil	11828
2	111A100W1	20,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading, Short Term	Ethylene Glycol	11621
5+	111A100W1	20,000	Non-Coiled, Non-Insulated, Plasite 3070 Lined	Ethylene Glycol	11517
ANY	111A100W3	20,000	Exterior Coils, Insulated, 3-7 Year Term	Molasses	11776
6+	111A100W3 111A60ALW3	20,000	Exterior Coils, Insulated, Lined or Aluminum Cars, 3-5 Years	Ammonium Thiosulfate	11906
1	111A100W5	20,000	Non-Coiled, Non-Insulated, Top Unload Only, Rubber Lining	Hydrochloric Acid	11765
30+	111A100W1	20,000-24,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading	Corn Steep Water	11777
1	111A100W1	23,500	Coils or Insulation Not Needed, 3-6 Month Term Northeast Coast	Ethylene Glycol	11901
2	111A100W3	23,500	Exterior Coils, Insulated, Top & Bottom Unloading, Short Term	Bio-Diesel	11839
4	111A100W1	25,000	Non-Coiled, Non-Insulated, Single Trip Term	Bio-Diesel	11827
20	111A100W3	25,000-26,500	Exterior Coils, Insulated, Bottom Unloading, Short Term	Bio-Diesel	11601
1	111A100W1	25,500	Exterior Coils, Cars Must Be Lined, Top & Bottom Unloading, Short Term	C-12 Lauryl Alcohol	11870
15	111A100W1	30,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading, 3 Year Term	Clean Petroleum Product	11880
25	111A100W1	30,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading, 3-4 Month Term	Isopropyl Alcohol	11797
1-2	112J340W	33,500	Insulated, 3-5 Year Term	Anhydrous Ammonia	11631
30	112J340W	33,500	Insulated, Top Unloading Only, 3-5 Year Term	Anhydrous Ammonia	11572
15-20	BOX	50'-60'	100 Ton Trucks, West Coast		11841
36	GONDOLA	52'	Flat Bottom, 4'-5' Sides, 100 Ton Trucks	Concrete Sand	11886
50-70	GONDOLA	4,400	Rotary Dump	C & D	11272
20	LO	3,000	30" Hatches, 286,000 Capacity, Short Term	Limestone	11787
30+	LO	3,000	Round Hatches, Gravity Gates, 286,000 Capacity, 2 Compartments	Sand	11657
2-3	LO	3,200+	Round Hatches, Gravity Gates	Clay	11421
1-2	LO	6,000-7,000	Round Hatches, Pneumatic Gates, 3-5 Year Term	Plastic Pellets	11816
3	PD	3,000	Round Hatches, 15 PSI	Cement	11917

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EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
20	PD	5,100+	Round Hatches, 15 P.S.I.	None Food Grade	11662

EQUIPMENT AVAILABLE FOR SALE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
27	105J500W	10,000	Insulated, Top Unloading Only, 55 Ton Trucks	Chlorine	11853
3	111A100W1	20,000	Interior Coils, Top & Bottom Unloading, Storage Only	Soybean Solubles / Molasses	11903
200	115A60W6	20,800	Non-Coiled, Insulated, Bottom Load Only, Stainless Steel Inner Tank	Beer	11835
30+	111A100W3	23,500	Exterior Coils, Insulated, Lined, Stainless Steel Valves	Various Chemicals	11885
1	111A100W3	23,500	Exterior Coils, Insulated, Top & Bottom Unloading, In-Plant Service Only	Fish Oil	11867
1	111A100W1	24,500	Non-Coiled, Non-Insulated, 4 Equal Compartments, Storage Only	Lube Oil	11909
10	112J340W	33,500	Storage Only, Not Interchangeable	LPG	11898
4	BOX	60'	100 Ton Trucks, Nailable Steel Floor		11864
20	FLAT	50'	70 Ton Trucks, Plate C, Bulkheads		11561
14	FLAT	52' 8"	70 Ton Trucks, Bulkheads, Steel/Wood Floors		11764
4	FLAT	53'6"	Cast Steel Underframes, Retire 12/31/09		11734
12	FLAT	60'	52' 8" Between Bulkheads, 100 Ton Trucks		11763
25	FLAT	61'	100 Ton Trucks, 263,000 Lbs Capacity, Plate C		11704
1	FLAT	66'	21' Depressed Center, 150 Ton Trucks		11822
1	FLAT	76'	46'6" Depressed Center, 125 Ton Trucks, Captive Service Only		11826
75	FLAT	92'	Straight Steel Decks, 100 Ton Trucks		11802
11	GONDOLA	65'	Flat Bottom, 5' Inside Height, 100 Ton Trucks		11883
12	GONDOLA	1,290	5'5" Inside Height, 100 Ton Trucks, Covers	Steel Coils	11693
16	GONDOLA	2,024	7'2" Inside Height, 100 Ton Trucks, Wood Floors	Steel Coils	11694
3	GONDOLA	2,244	Flat Bottom, 100 Ton Trucks, 4'6" Sides		11850
80	GONDOLA	4,000	Flat Bottom, Rotary Dump, 100 Ton Trucks	Construction Debris	11674
100	GONDOLA	4,240	100 Ton Trucks, Single Tub, Rotary Dump		11745
4	HOPPER	4,000	Gravity Gates, 3 Pocket, 100 Ton Trucks	Western Coal	11899
20	LO	2,700	2 Compartments, Gravity Gates, Round Hatches		11725
12	LO	2,917	Round Hatches, 2 Compartments, 100 Ton Trucks	Sand	11747
34	LO	4,750	Trough Hatches, Airslides, Food Grade Lining	Flour	11851
200	LO	4,750	Trough Hatches, Gravity Gates	Grain	11815
47	LO	5,250	Round Hatches, Pneumatic Gates	Plastic Pellets	11902
200+	LO	5,850	Trough Hatches, Gravity Gates	Plastic Pellets	11820
3	PD	3,300-3,800	Round Hatches, 14.7 P.S.I.	Cement	11626

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