

## EQUIPMENT NEEDED FOR PURCHASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
28	111A100W1	18,000+	Interior or Non-Coiled, In-Plant Service Only		11229
1	111A100W3	20,000	Needs Coils, Insulated, Storage Only	Vegetable Oil	11022
<b>3</b>	<b>111A100W3</b>	<b>20,000-26,000</b>	<b>Exterior or Interior Coils, Insulated, Inexpensive, Storage Only</b>	<b>Wax</b>	<b>11259</b>
10-20	111A100W3	23,500	Exterior Coils, Insulated	Asphalt	10989
ANY	112J340W	33,500	Non-Coiled, Insulated, Top Unload Only	LPG	10734, 11143
50-100	BOX	50'			10906
150	BOX	50'-60'	70 or 100 Ton Trucks, Plug Doors	Paper	11127
10-15	FLAT	53'-54'	Needs 53-54' Between Bulkheads, In Plant Only		11135
20-30	GONDOLA	52'+	52' 6" Inside Length, 4' 6" High Sides	Pipe	11237
20	GONDOLA	3,800-4,200	100 Ton Trucks		11112
150+	GONDOLA	4,000	100 Ton Trucks, Flat Bottom or Bath Tub		10841
<b>6-10</b>	<b>HOPPER</b>	<b>1,800-3,200</b>	<b>Gravity Gates</b>	<b>Stone</b>	<b>11281</b>
20	HOPPER	2,350	Rapid Discharge	Cement / Lime	10829
15	HOPPER	3,000+	Customer Will Modify	Grain	11103
50-150	HOPPER	4,000	100 Ton Trucks, 36% or More Slope Sheets	Aggregate	11033
10	LO	4,400-4,800	Trough Hatches, Gravity Gates, Inexpensive, Not For Interchange	Grain	11129
15	LO	4,650	Trough Hatches, Gravity Gates		11049
10-20	LO	4,750	Trough Hatches, Gravity Gates	Corn	11100
12-24	LO	4,750	Trough or Round Hatches, Gravity Gates	Small Aggregate	11042
25	LO	3,000	Trough Hatches, Gravity Gates	Cement	11099
1	LO	5,250	Round Hatches, Pneumatic Gates	Plastic Pellets	11065
20	PD	3,000	14.7 PSI	Cement	10960

### U.S. STANDARD RAILROAD GAUGE Why Is It 4' - 8 1/2" ? - Part IV

Last issue we began an abridged response by A.W. Worth, System Engineer - Standards of Canadian National Railways. In this issue we will complete our discussion.

References to "grooves worn in the pavement at Pompeii (and elsewhere) by the wheels of Roman chariots" is demonstrably incorrect. The Romans used chariots very little, and in fact their use in the downtown core of cities was generally illegal. The Romans believed that the primary purpose of streets in the daytime was for pedestrians. In that sense they antedated the idea of the modern pedestrian mall by 2000 years or so. It was only at night, when pedestrians and school children were off the street, that wheeled vehicles were permitted. Those vehicles were not chariots, but heavy four-wheeled utilitarian freight vehicles carrying foodstuffs and all manner of other merchandise for sale in the markets.

The streets being narrow and the lighting poor, grooves were deliberately cut in the pavement to guide the wheels of the heavy freight carts to avoid sideswipes and keep their wheels from striking the raised stones placed at intersections to serve as steppingstones for pedestrians. These grooves were at the same centres as standard gauge railroad rails. The steppingstones served a double purpose. Not only did they give pedestrians a means of crossing the street dryshod in wet weather, but they forced horse-drawn vehicles to come almost to a stop at intersections while the horses picked their feet over the stones. In that way, they served to accomplish what now is done with a 'stop' or 'yield' sign.

Contrary to popular opinion I have not been personally involved in construction and maintenance of tracks for chariots. Steam locomotives, yes, but not chariots.

To turn what has been said by the various correspondents on its head, it does not necessarily follow that something is necessarily wrong just because it has the wisdom of the ages behind it. Ur of the Chaldees had a system of counting by 12's, from which came many of our conventional numbers: 12 inches in a foot, 12 x 440 feet in a mile; 12 months in a year, 12 days of Christmas, and, not coincidentally, 12 Apostles. The system of counting by 10's, which seems to have supplanted counting by 12's before 1000 BC, made a mess of the original Urite system, and a certain French general who succeeded in spreading confusion from Gibraltar to Moscow 1795-1815 decided to finish the job; which is why now we have both the inch-pound and the metric systems to contend with.

Items Highlighted In Italics Designate New Listings

# THE INSIDE TRACK



## 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

March 1, 2006

## EQUIPMENT AVAILABLE FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
6	105J300W6	13,900	Stainless Steel, Non-Coiled, Insulated, Top Unloading Only	Chlorosulfonic Acid	11231
7	105A100W3	20,000	Non-Coiled, Insulated, Top Unloading, Gauging Devices		10695
1	111A100W1	20,000	Interior Coils, Non-Insulated, 70 Ton Trucks, Top & Bottom Unloading	Tallow	11191
<b>2</b>	<b>111A100W5</b>	<b>20,000</b>	<b>Non-Coiled, Non-Insulated, Top Unloading Only, Natural Rubber Lined</b>	<b>Hydrochloric Acid</b>	<b>11279</b>
6	105A300W	20,500	Non-Coiled, Non-Insulated, Top Unloading Only, 2 Year Minimum	Anhydrous Ammonia	10310
15-20	112J340W	33,500	Non-Coiled, Insulated, Top Unloading Only, Summer Months Only	Propane	10236
11	BOX	50'	100 Ton Trucks, 6,100 Cubic Foot, Plate F, Double Plug Doors		11230
14	BOX	50'	100 Ton Trucks, Plug Doors, Plate C, Nailable Steel Floors		11168
50	BOX	50'	70 Ton Trucks, Single Plug Doors		10942
56	BOX	50'	70 Ton Trucks, 1 Year Full Service Lease		10752
40	FLAT	51' 6"	Bulkheads, 70 Ton Trucks		10927
<b>50</b>	<b>FLAT</b>	<b>60'</b>	<b>70 Ton Trucks, 57' Between Bulkheads</b>		<b>10926</b>
28	FLAT	60'	100 Ton Trucks, Bulkheads, 5 Year Minimum		11148
103	GONDOLA	4,000	100 Ton Trucks, Rotary Dump	Western Coal	11082
<b>2</b>	<b>LO</b>	<b>4,600</b>	<b>Trough Hatches, Gravity Gates, 5 Year Minimum</b>		<b>11285</b>
7	PD	2,785	15 PSI, Short Term	Gypsum	11211
1	PD	3,000	15 PSI, 5 Compartments	Cement	11117

Items Highlighted In Italics Designate New Listings

## EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
20-30	111A100W3	13,000	Exterior Coils, Insulated, Lined, Top Unloading Only	Molten Sulfur	11201
<b>3</b>	<b>105J600W3</b>	<b>13,500</b>	<b>Non-Coiled, Insulated, Top Unloading Only</b>	<b>Anhydrous Hydrogen Chloride</b>	<b>11268</b>
50	111A100W2	13,500	Non-Coiled, Non-Insulated, Top Unloading, Lined or Lineable	Sulfuric Acid	11125
4-5	111A100W3	16,000	Exterior Coils, Insulated, Top & Bottom Unloading	Sodium Silicate	10995
2-3	111A100W3	16,000+	Exterior Coils, Insulated, Lined, Top & Bottom Unloading	Calcium Chloride	11252
ANY	111A100W3	16,500	Exterior Coils, Insulated, Lined, Short or Long Term	Caustic Soda	11039 11256
100-150	105A500W	17,300	5-10 Year Lease	Chlorine	11186
8	105J500W	17,500	Must be 1990 Built or Newer, Long Term Lease	Chloro Silane	11081
ANY	105S200W 112S200W	20,000	Will Line, Long Term Lease	Chlorinated Solvents	10903
2	111A100W1	20,000	Non-Coiled, Non-Insulated	Amines	11190
1	111A100W1	20,000	Exterior or Interior Coils, Top & Bottom Unloading	Lignin Liquor	11167
20-30	111A100W1	20,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading, Lined	Calcium Chloride	11169
20	111A100W1	20,000-24,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading	Corn Steep / Molasses	11061
1-2	111A100W1	20,000-25,000	2 or 3 Compartments, Exterior or Interior Coils, Top & Bottom Unloading	Hydraulic Oil	11126
<b>10</b>	<b>111A100W3</b>	<b>23,000-26,000</b>	<b>Exterior Coils, Insulated, Bottom Unloading, 3 Year Minimum</b>	<b>Tallow</b>	<b>11274</b>
10	111A100W3	23,500	Exterior Coils, Insulated, 1 Year Term	Vegetable Oil	11146
2-3	111A100W3	23,500	Exterior Coils, Hazmat Equipped, Long Term	Dicyclopentadiene	10954
6-8	111A100W3	23,500-27,000	Exterior Coils, Insulated, 6-12 Month Lease	Petroleum Wax	11194
80	111A100W1	26,000	Non-Coiled, Non-Insulated, Top & Bottom Unloading	Crude Fuel Oil	11228
20-30	111A100W1	30,000	Non-Coiled, Non-Insulated, Open Term	Diesel	11253
25-30	111A100W1	30,000	5 Year Term	Ethyl Alcohol	11089
25-50	111A100W1	30,000	5 Year Term	Ethanol	11009
60	111A100W1	30,000	1 Year Minimum Term	Crude Light Oil	10962
15-40	112J340W	33,500	1-3 Year Term	LPG	11176
10-20	112J340W	33,500	September, 2005 Through March	LPG	11094
<b>50</b>	<b>BOX</b>	<b>50'-60'</b>	<b>100 Ton Trucks, Plate C, Plug Doors</b>		<b>11278</b>
60-80	BOX	50' - 60'	100 Ton Trucks		11226
ANY	BOX	60'	100 Ton Trucks	Rock Pellets	11016
2-3	BOX	60'	Plate C, Load Dividers, Long Term Lease	Bagged Clay	11015
100	FLAT	89'	100 Ton Trucks, Short or Long Term		11149
15-20	GONDOLA	65'	Flat Bottom		11170
<b>100</b>	<b>GONDOLA</b>	<b>4,000+</b>	<b>Rotary Dump</b>	<b>C &amp; D</b>	<b>11272</b>
100	GONDOLA	6,100+	Flat Bottom, 6,100 Cubic Foot or Larger	Construction Debris	11250

*Items Highlighted In Italics Designate New Listings*

## EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
190	HOPPER	2,000	Rapid Discharge Gates, 1-5 Year Lease	Limestone	11093
40-80	HOPPER	2,000+	45 Degree Slope, 4 Gates, Long Term Lease	Aggregate & Sand	11012
100	HOPPER	3,850	Gravity Gates	Aggregate	11257
30-40	HOPPER	6,000+	Needs End Gates	Woodchips	11120
40-60	LO	2,800-3,500	100 Ton Trucks, Round or Trough Hatches, 2 Compartments	Sand	11059
10-20	LO	3,000+	Round Hatches, Gravity Gates	Cement	11121
4-5	LO	4,100+	Trough Hatches, Gravity Gates, Short or Long Term	Ruminant Meat & Bone Meal	11152
4	LO	4,650	Trough Hatches, Gravity Gates, Lined	Urea	11200
40-50	LO	4,650	Round Hatches, Gravity Gates	Calcium carbide	10965
ANY	LO	4,750	Trough Hatches, Gravity Gates, Long Term	Ammonium Sulfate	11180
50-100	LO	4,750	Trough Hatches, Gravity Gates, 5 Year Lease	Pebble Lime	11144
5	LO	5,250	Trough Hatches, Gravity Gates, 1-2 Year Lease	Fish Meal	11090
1	LO	5,250+	Round Hatches, Pneumatic Gates, Lined	Plastic Pellets	11210
75	LO	5,750+	Round Hatches, Pneumatic Gates	Plastic Pellets	10919
20-60	PD	3,000	15 PSI, 1 Year Term	Cement	10864
15	PD	3,500+	15 PSI, 3 Year Term	Cement	11047
3	PD	4,000+	15 PSI, 1-5 Year Lease	Silicon Dioxide	11184

## EQUIPMENT AVAILABLE FOR SALE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
50	111A100W2	10,000	Top Unloading, Non-Coiled, Non-Insulated	Latex Paint	10671
15	111A100W1	11,650	Insulated, Sparger System	Titanium Dioxide	11162
29	111A100W2	13,500	Non-Coiled, Non-Insulated, Lined, Top Unloading Only	Sulfuric Acid	11134
11	111A100W1	14,000	Insulated	Clay Slurry	11161
<b>1</b>	<b>111A100W1</b>	<b>22,500</b>	<b>Interior Coils, Non-Insulated, In Plant Service Only</b>	<b>Vegetable Oil</b>	<b>11270</b>
1	112J340W	33,500	Non-Coiled, Insulated, Top Unloading Only, Storage or In-Plant Service Only	Anhydrous Ammonia	11213
30	BOX	50'	70 Ton Trucks, Double Sliding Doors		11214
50	BOX	50'	286,000 Capacity		10908
3	BOX	60'	100 Ton Trucks, Sliding Doors		11083
55	FLAT	50'	With Log Bunkers	Pulpwood	11040
2	HOPPER	7,000	Gravity Gates	Wood Chips	11114
<b>27</b>	<b>LO</b>	<b>4,566</b>	<b>Airslides, 2 Compartment, 10 Round Hatches</b>	<b>Starch</b>	<b>11271</b>

*Items Highlighted In Italics Designate New Listings*