

## EQUIPMENT NEEDED FOR PURCHASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
1-2	111A100W3	20,000+	Exterior Coils, Insulated, Top & Bottom Unloading, For Storage	Luminol	12569
3-5	112J340W	33,500		LPG/ Butane	12681
<b>50-60</b>	<b>BOX</b>	<b>ANY</b>	<b>Plug Doors, 100 Ton Trucks</b>		<b>12712</b>
50	BOX	50'	Double Side Doors, 100 Ton Trucks		12627
ANY	BOX	60'-80'		Lumber	12672
ANY	FLAT	60'-80'	Bulkheads	Lumber	12671
<b>200</b>	<b>GONDOLA</b>	<b>ANY</b>	<b>Mill</b>		<b>12710</b>
ANY	GONDOLA	4,000			12684
<b>3-4</b>	<b>HOPPER</b>	<b>3,300</b>	<b>Gravity Gates</b>		<b>12702</b>
<b>50</b>	<b>LO</b>	<b>5,200</b>		<b>Plastic Pellets</b>	<b>12722</b>
<b>50</b>	<b>LO</b>	<b>3,000</b>		<b>Sand</b>	<b>12720</b>
50	LO	3,800+	Gravity Gates		12683
500	LO	4,750		Grain	12695
3-15	LO	5,500+		Plastic Pellet	12693
100	PD	5,125	14.7 PSI, Food Grade Lining	Flour	12608

### TRANSITION FROM DOT 111 TO DOT 117 FOR FLAMMABLE PRODUCTS

If you are shipping Class 3 flammable products, the changes in DOT Regulations regarding tank cars affects your ability to ship by rail. How this affects you largely depends on the quantity of cars carrying flammable liquids in the train consist itself. The DOT Final Rule covering the creation of the DOT 117 specification is created specifically to cover high hazard flammable trains (HHFT) and high hazard flammable unit trains (HHFUT). An HHFT consists of 20 or more loaded tank cars in a continuous block carrying Class 3 flammable liquid or 35 or more loaded tank cars of Class 3 flammable liquid across the entire train. An HHFUT is defined as one with 70 or more loaded tank cars carrying class 3 flammable liquid traveling at speeds greater than 30 mph.

New tank cars constructed for Class 3 products after October 1, 2015 are required to meet enhanced DOT Specification 117 design or performance criteria for use in an HHFT. Existing DOT 111 and CPC-1232 tank cars used for class 3 products in HHFTs must be retrofitted to DOT 117R standards in a graduated scale based on the packing group of the product.

Obviously, large energy companies will be affected in a greater manner as they will likely ship product in unit trains or at least in a greater number of cars per shipment. Their need to convert to DOT 117 cars will come sooner. Smaller companies shipping similarly smaller quantities may not be as affected in the near term. They are also unlikely to be running cars in unit trains. The concern is whether or not their product runs in trains that can be considered a high hazard flammable train. If their cars do not run in HHFTs, this rule would have no effect on the use of DOT 111 cars to ship flammable products. Chances are this transition to safer cars will eventually cover all flammable liquid shipments.

As it stands, all standard DOT 111 cars will no longer be able to carry Packing Group I flammable liquids on HHFTs after January 1, 2018 for unjacketed cars and March 1, 2018 for jacketed cars. Packing Group II products end on May 1, 2023 for both and Packing Group III products on May 1, 2025. Non jacketed CPC-1232 cars may no longer ship Packing Group I products in HHFTs after April 1, 2020, Packing Group II products after July 1, 2023 and Packing Group III products after May 1, 2025. Jacketed CPC-1232 cars may no longer ship all three packing groups of flammable products on HHFTs after May 1, 2025.

<http://www.transportation.gov/briefing-room/final-rule-on-safe-rail-transport-of-flammable-liquids>

Items Highlighted In Italics Designate New Listings

# THE INSIDE TRACK

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

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## EQUIPMENT AVAILABLE FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
<b>15-20</b>	<b>111A100W1</b>	<b>20,800</b>			<b>12715</b>
161	111A100W1	25,500	Insulated	Crude Oil	12654
2	111A100W1	26,500	Hazmat Equipped, Top & Bottom Unloading	Petroleum Oil	12677
<b>100</b>	<b>111A100W1</b>	<b>30,000</b>		<b>Crude Oil</b>	<b>12717</b>
850	111A100W1	30,000	Through 2017	Crude Oil	12689
2-4	111A100W1	30,000	Non-Coiled, Non-Insulated	Crude Oil	12617
<b>10</b>	<b>GONDOLA</b>	<b>2,000+</b>	<b>Mill</b>		<b>12713</b>
<b>65</b>	<b>GONDOLA</b>	<b>4,000</b>	<b>Flat Bottom, 100 Ton Trucks, No Interior Bracing</b>		<b>12703</b>
<b>18</b>	<b>GONDOLA</b>	<b>4,000</b>	<b>Flat Bottom, No Interior Bracing</b>		<b>12704</b>
<b>32</b>	<b>GONDOLA</b>	<b>4,170</b>	<b>Single Tub, No Interior Bracing</b>		<b>12705</b>
21	HOPPER	3,610	4 Pocket, 100 Ton Trucks	Coal	12624
<b>110</b>	<b>HOPPER</b>	<b>3,800</b>	<b>Aluminum, Manual Gates, 110 Ton Trucks</b>	<b>Aggregate</b>	<b>12708</b>
<b>75</b>	<b>HOPPER</b>	<b>3,840</b>	<b>Steel, Manual Gates, 110 Ton Trucks</b>		<b>12707</b>
<b>70</b>	<b>LO</b>	<b>3,000</b>		<b>Sand / Cement</b>	<b>12706</b>
50	LO	3,000	Gravity Gates	Sand	12691
14	LO	3,000	Round Hatches, 100 Ton Trucks	Sand	12665
<b>150</b>	<b>LO</b>	<b>3,250</b>	<b>Round Hatches, Gravity Gates</b>	<b>Sand</b>	<b>12696</b>
<b>200</b>	<b>LO</b>	<b>3,300</b>	<b>Round Hatches, Gravity Gates</b>	<b>Sand</b>	<b>12697</b>
<b>140</b>	<b>LO</b>	<b>4,750</b>	<b>Trough Hatches, Gravity Gates</b>	<b>Grain</b>	<b>12716</b>
<b>34</b>	<b>LO</b>	<b>5,250</b>	<b>Round Hatches, Pneumatic Gates, 4 Compartment</b>	<b>Plastic Pellets</b>	<b>12714</b>
4	LO	5,850	New Paint & Linings	Plastic Pellet	12629

Items Highlighted In Italics Designate New Listings

## EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
20-40	111A100W1	13,500+	Insulated, Rubber Lined, Hazmat Equipped	Phosphoric Acid	12658
1-5	111A100W1	16,000+	Rubber Lined, Insulated	Ammonium Chloride	12664
3-4	111A100W1	16,500	Lined	Caustic Soda	12663
ANY	113A90W3	17,000	Cryogenic	Liquid Argon	12688
10-20	111A100W1	20,000		Corn Steep	12685
1-10	111A100W1/3	20,000+	Exterior Coils, Lined or Ready to Line	Glycol	12650
8	111A100W1/3	20,000	Non-coiled, Non-insulated	Ammonium Lignosulfonate	12613
10-20	111A100W1/3	20,000+	Exterior Coiled, Insulated	TDI	12618
<b>ANY</b>	<b>111A1100W3</b>	<b>20,000</b>	<b>Exterior Coils, Top Unloading</b>	<b>Hydrocarbons</b>	<b>12700</b>
10-20	111A100W3	20,000+	Exterior Coils	Lignin Liquor	12646
<b>2</b>	<b>111A100W3</b>	<b>21,000+</b>	<b>Exterior Coils, Insulated</b>	<b>Glycerine</b>	<b>12699</b>
<b>1</b>	<b>111A100W1</b>	<b>23,500</b>	<b>Hazmat Equipped</b>		<b>12698</b>
1-15	111A100W1	23,500		Dicyclopentadiene	12673
20	111A100W3	23,500	Exterior Coils, Insulated, Bottom Unloading	Parrafin Wax	12641
10	111A100W1	23,500	Insulated, Top & Bottom Unloading	Lube Oil	12668
1-5	111A100W1	23,500	Coiled or Non-Coiled	Vegetable Oil	12547
2-3	11A100W3	23,500		Vegetable Oil	12686
ANY	111A100W3	23,500	Exterior Coils, Insulated	Glycerine	12475
<b>200</b>	<b>111A100W3</b>	<b>28,000+</b>	<b>Exterior Coils, Insulated, Hazmat Equipped</b>	<b>Crude Oil</b>	<b>12709</b>
20-25	112J340W	33,500	Insulated	Anhydrous Ammonia	12602
50	BOX	50'	Double Slide Doors, 100 Ton Trucks		12627
15-20	FLAT	60'	Steel Decks	Steel Bins	12675
5+	FLAT	60'			12670
12	FLAT	80'+	Full Deck		12548
<b>200</b>	<b>GONDOLA</b>	<b>ANY</b>	<b>Mill</b>		<b>12710</b>
20	GONDOLA	5,500	Flat Bottom		12620
110	HOPPER	2,500+		Aggregate	12656
1	HOPPER	5,000+	Large Gates, Steep Slopes, Short Term		12621
400	LO	3,000		Sand	12690
2	LO	3,000+		Sand	12662

*Items Highlighted In Italics Designate New Listings*

## EQUIPMENT NEEDED FOR LEASE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	PRODUCT	REF #
<b>200</b>	<b>LO</b>	<b>4,750</b>	<b>Trough Hatches, Gravity Gates</b>	<b>Grain</b>	<b>12701</b>
100	LO	4,750	Trough Hatches, Gravity Gates, Lined	Ammonium Nitrate	12694
500	LO	4,750		Grain	12695
ANY	LO	5,150+		Animal Feed	12660
3	PD	3,000	14.7 PSI		12542
50	PD	3,200		Cement	12692

## EQUIPMENT AVAILABLE FOR SALE

# OF CARS	DOT / CLASS	CAPACITY	COMMENTS	LAST CONTENTS	REF #
<b>100</b>	<b>111A100W3</b>	<b>23,500</b>	<b>Exterior Coils, Insulated</b>		<b>12719</b>
<b>100</b>	<b>111A100W1</b>	<b>30,000</b>		<b>Crude Oil</b>	<b>12717</b>
100	FLAT	70'	110 Ton Trucks		12634
3	FLAT	89'	1973 Built		12292
31	GONDOLA	3,264	66' Inside Length, 70 Ton Trucks		12605
100+	GONDOLA	4,000			12462
10	GONDOLA	4,000	100+ Ton Trucks, Flat Bottom		12622
110	GONDOLA	4,320		Coal	12578
20	GONDOLA	4,400	Single Tub, Rotary Dump, 100+ Ton Trucks Modified for Additional Interior Support		12464
<b>125</b>	<b>GONDOLA</b>	<b>4,520</b>	<b>110 Ton Trucks</b>	<b>Coal</b>	<b>12718</b>
30	GONDOLA	5,277	Flat Bottom	Waste	12604
5	GONDOLA	6,500	Flat Bottom	Debris	12434
90+	HOPPER	1,970	Longitudinal Gate	Ore	12678
13	HOPPER	2,300	60 Degree Slope Sheets, 100 Ton Trucks	Aggregate	12571
13	HOPPER	3,610	4 Pocket, 100 Ton Trucks		12624
<b>75</b>	<b>HOPPER</b>	<b>3,840</b>	<b>Manual Gates</b>		<b>12707</b>
<b>400</b>	<b>LO</b>	<b>4,750</b>	<b>Trough Hatches, Gravity Gates</b>		<b>12711</b>
130	SCRAP	85'	133,000 Light Weight		12680

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