

RAIL MOTIVE POWER

ALTON AND SOUTHERN #12
ALCO/1926 S 8-wheel switcher
3-cylinder design
0-8-0

AMERICAN STEEL FOUNDRIES #8
Whitcomb/1948 D 65-ton 400 hp
Two engines
B-B

ARKANSAS & MISSOURI #22
ALCO/1943 D Model RS-1 1000 hp
First road switcher
B-B

ATCHISON, TOPEKA & SANTA FE #5011
Baldwin/1944 S Texas
74" drivers, largest on any 2-10-4; 310 lb./sq. in.
boiler pressure
2-10-4

BALTIMORE & OHIO #1
ALCO/GE/ D Ingersoll-Rand/1925 300 hp
Second diesel-electric locomotive in service
B-B

BALTIMORE & OHIO #50
EMC/1935 D 1,800 hp
First non-articulated passenger diesel; two Winton
Model 201-A diesel engines
B-B

BALTIMORE & OHIO #173
B&O/1873 S 10-wheel Camel
Heavy freight engine
4-6-0

BOSTON & ALBANY #39 "MARMORA"
B&A/1876 S American
"Eddy Clock"; has domeless boiler
4-4-0

BOSTON AND MAINE #1180
EMC/1926 Gas-Electric
Branchline passenger train; 275-hp Winton engine
B-2

BOSTON & PROVIDENCE "DANIEL NASON"
B&P/1858-1863 S American
Inside-connected cylinders, rods
4-4-0

CANADIAN NATIONAL #5529
Montreal/1906 S Pacific
Designed for passenger service
4-6-2

CHESAPEAKE AND OHIO #2727
ALCO/1944 S Kanawha
Wheel arrangement called Berkshire by other railroads
2-8-4

CHICAGO & ILLINOIS MIDLAND #551
Lima/1928 S Mikado
Most common modern freight engine
2-8-2

CHICAGO AND NORTHWESTERN #1015
ALCO/1900 S Atlantic

81" drive wheels; first locomotive at MOT
4-4-2

CHICAGO, BURLINGTON & QUINCY #9908 "SILVER CHARGER"
EMC/1939 D 1,000 hp
Baggage space at rear end
A1A-2

CHICAGO, BURLINGTON & QUINCY #9939A
EMD/1950 D Model E8A
Original 2,250 hp, upgraded to 2,400 hp
A1A-A1A

CHICAGO, MILWAUKEE, ST. PAUL & PACIFIC #E-2
GE/1919 E 3,200 hp
Gearless bi-polar drive
1B+D+D+B1

CHICAGO, ROCK ISLAND & PACIFIC #3
EMD/1955 D 1,200 hp
"Aerotrain" locomotive;
B-1

CONRAIL #5677 (ex-Central RR of NJ)
EMD/1952 D Model GP7
Dual controls for commuter service
B-B

DELAWARE, LACKAWANNA AND WESTERN #952
ALCO/1905 S
American Camelback
4-4-0

DULUTH, MISSABE & IRON RANGE #502
Baldwin/1916 S Santa Fe
Heavy freight engine; hauled iron ore
2-10-2

EAGLE-PICHER #1621 (earlier used on Southern; MKT; Ft. Smith, Subiaco &
Rock Island; and "Frisco")
Baldwin/1918 S Decapod
Built 5' gauge for Russia; converted to 4' 8-1/2"
2-10-0

ERIE-LACKAWANNA #3607
EMD/1967 D Model SD45; 3,600 hp
20-cylinder engine

FDS (ITALIAN STATE RAILROAD) E550.025
Westinghouse SpA/1910E Class E550 2,000 hp; 3,000-volt,
3-phase AC
2 motors and side rods to 5 E axles

GENERAL ELECTRIC #1
Thompson-Houston 1892 E 30T
First main line electric locomotive in U.S.
B

GENERAL MOTORS #103
EMC/1939 D Model FTA Demonstrator; 1,350 hp
B-B

GEORGIA #724
Baldwin/1896 S 6-wheel switcher
Last regularly operating steam loco in MO; reboilered 1923
0-6-0

GREAT LAKES CARBON #7
Porter/1941 S
Fireless steam storage locomotive.

0-4-0F

ILLINOIS CENTRAL #764
ALCO/1904 S Consolidation
Most common steam locomotive type
2-8-0

ILLINOIS TERMINAL #206
White/1939 G Rail Motorbus
Used on Alton-Grafton, IL line
2-A

ILLINOIS TERMINAL #1575
IT/1918 E Class B
Cast underframe
B-B

ILLINOIS TERMINAL #1595
IT/1929 E Class C 1,500 hp
Articulated frame
(B-B)(B-B)

JOPLIN-PITTSBURG #2003
Plymouth (Fate-Root-Heath)/1936 Model OE Propane-E; 70T 400 hp
Industrial switcher
B-B

LACLEDE CHRISTY #2
Davenport/1907 S 9T 30" gauge tramway locomotive
0-4-0T

LAKE ST. ELEVATED #9 "CHARLES H."
Rhode Island/1893 S "Forney" type
Restored 1996
0-4-4T

MANUFACTURERS RAILWAY #211
ALCO/1948 D Model S-2
Blunt trucks
B-B

MARC #66
EMD/1954 D Model E8A 2,250 hp, upgraded to 2,400 hp
Former CB&Q unit
A1A-A1A

MINNEAPOLIS & ST. LOUIS #546
ALCO/1946 D Model RS-1 1,000 hp
Later #213
B-B

MISSOURI-KANSAS-TEXAS #311
Baldwin/1890 S American
Rebuilt 1923; with *Katy Flyer* train
4-4-0

MISSOURI PACIFIC #604
Fageol-Twin Coach/1947 G-Rail Motorbus
Used in Houston, TX
1-A

MISSOURI PACIFIC #4502
ALCO/1955 D Model RS-3 1,600 hp
B-B

NATIONAL CASH REGISTER #7
Lima/1910 S
Fireless steam storage locomotive
0-4-0F

NEW YORK CENTRAL #113
ALCO-GE/1906 E Class S-2 200 hp
Gearless bi-polar drive;
2-D-2 2

NEW YORK CENTRAL #2933
ALCO/1929 S Mohawk
Called a Mountain on other railroads
4-8-2

NEW YORK, CHICAGO AND ST. LOUIS ("Nickel Plate Road") #170
ALCO/1927 S Hudson
Smoke lifters
4-6-4

NORFOLK AND WESTERN #2156
N&W/1942 S Mallet; Class Y6a Compound – uses steam twice
2-8-8-2

PANAMA CANAL #662
GE/1914 E Rack & adhesion
With winch for towing ships through locks; 5' gauge
B

PENNSYLVANIA #4700
PRR/1931 E Class P5 3,750 hp continuous
2-C-2

PENNSYLVANIA #4918
PRR/1942 E Class GG1 4,620 hp continuous
Now Amtrak #4916
2-C+C-2

READING "BLACK DIAMOND"
Baldwin/1889 S
Inspection locomotive
2-2-2T

SABINE RIVER & NORTHERN #408
EMC/1937 D Model NC 900 hp
Winton Model 201-A engine, cast frame
B-B

ST. JOE MINERALS
Goodman/1942 E 8T
2' gauge mining locomotive; trolley and cable reel
B

ST. LOUIS, IRON MOUNTAIN & SOUTHERN #635
Baldwin/1889 S 10-wheeler Class TN-61
Later MP 2707; last used on Sedalia-Warsaw, MO, line
4-6-0

ST. LOUIS-SAN FRANCISCO ("Frisco") #1522
Baldwin/1926 S
Mountain Equipped with booster and diesel multiple-unit control
4-8-2

ST. LOUIS WATER DIVISION #1
Whitcomb/1924 G, now D; 15T
Mechanical drive; stick shift
Model SRD with clutch
B

ST. LOUIS WATER DIVISION #2
Plymouth (Fate- Root-Heath)/1930 G 30T
Model WLG Mechanical drive; clutch and 4-speed transmission
C

SCULLIN STEEL #95
Baldwin/1906 S 6-wheel switcher
Former Frisco #3695
0-6-0

SOUTHERN #960603
EMD/1943 Orig. D; Model FTB
Converted to steam heater car
B-B

SOUTHERN PACIFIC #4460
Lima/1943 S Northern GS-6
Dual freight-passenger wartime service
4-8-4

TERMINAL RAILROAD #146
ALCO/1916 S 6-wheel switcher
Chassis only; Young valve gear
0-6-0

TERMINAL RAILROAD #318
TRRA/1928 S 8-wheel switcher
First one-piece cast bed incorporating cylinders
0-8-0

UNION ELECTRIC #1
Baldwin/1926 S 4-wheel switcher
Helped build Missouri's Bagnell Dam
0-4-0T

UNION ELECTRIC #2
Heisler/1940 S
Fireless steam storage locomotive
0-6-0F

UNION PACIFIC #2804
GE/1966 D Model U28C 2,800 hp
Cut away for viewing
C-C

UNION PACIFIC #4006
ALCO/1941 S Big Boy
Largest successful steam locomotive
4-8-8-4

UNION PACIFIC #6944
EMD/1971 D Model DD40AX 6,600 hp
2 engines
D-D

USA (War Dept.-Army) #7765
GE/1943 D Model B-50; 25T 150-hp industrial model
First used at Kelly Field, TX
B

US ARMY #1149
Davenport/1954 Gas turbine-mechanical
Experimental unit
1-B-1

US ARMY #1844
Fairbanks-Morse/1955 D Model H-12-44 1,200 hp
B-B

US ARMY #2002
EMD/1952 D Model SW8 800 hp,
"Served" in Korea
B-B

US ARMY #B-2069

GE-ALCO/1953 D Model MRS-1
Multi-gauge; minimum clearances; 1,600 hp
C-C

US NAVY #700440
GE/1942 D Model B-50; 25T 150-hp
Industrial model used at Curtis-Wright,
McDonnell Aircraft,
McDonnell Douglas &
Boeing plants in St. Louis
B

WABASH #547
EMD/1964 D Model GP35 2,500 hp
Last diesel built for Wabash
B-B

WABASH #573
Rhode Island/1899 S Mogul
Last steam on Wabash
2-6-0

WINONA & ST. PETER #274
Baldwin/1873 S American
Built for Chicago and Northwestern
4-4-0