

of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves.

12  
**VALUE ASSIGNED: \$465.00**

Boxes 87, A lot of 36 renewal parts list volumes, c. 200 to 300pp., c. 88,89,&90 1950 to 1956, good condition. For the names of the railroad and industrial company customers check with the inventories of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves.

**VALUE ASSIGNED: \$540.00**

Boxes 91, A lot of 36 renewal parts list volumes, c. 200 to 300pp., c. 92,93,&94 1950 to 1956, good condition. For the names of the railroad and industrial company customers check with the inventories of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves.

**VALUE ASSIGNED: \$540.00**

Boxes 95, A lot of 33 renewal parts list volumes, c. 200 to 300pp., c. 96,99, & 1945 to 1955, good condition. For the names of the railroad and industrial company customers check with the inventories of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves.

**VALUE ASSIGNED: \$495.00**

Boxes 101 A lot of 32 renewal parts list volumes, c. 200 to 300pp., c. 105,107,& 1950 to 1955, good condition. For the names of the railroad and industrial company customers check with the inventories of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves.

**VALUE ASSIGNED: \$480.00**

Boxes 109 A lot of 35 renewal parts list volumes, c. 200 to 300pp., c. 110,111,& 1950 to 1955, good condition. For the names of the railroad and industrial company customers check with the inventories of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves.

**VALUE ASSIGNED: \$525.00**

Boxes 113 A lot of 28 renewal parts list volumes, c. 200 to 300pp., c. 114,& 115 1950 to 1955, good condition. For the names of the railroad and industrial company customers check with the inventories of the appraiser or the Pennsylvania Historical and Museum Commission, for box lists; or check the boxes themselves. Included in box #114 are some data on repairs and modernization.

VALUE ASSIGNED: \$420.00

Customer Service and Promotion

Under this heading are gathered a wide variety of records. As is true with all manufacturers, Baldwin was prepared to back its products. This called for correspondence back and forth between the company and its customers. The present collection has only a small fraction of this, but the flavor is there. Moreover, some of the remaining files take the story into the early days of the Baldwin-Hamilton Company era.

Customer relations were served by keeping customers abreast of the latest developments in the maintenance and repair of their locomotives. The engineering department was the source of many of these new ideas and improvements. A locomotive sent back to Eddystone for an overhaul often was modernized and retrofitted according to the latest technological advances. Starting in the early 1950's, this flow of information was standardized in "Bulletins" which were mimeographed on different colored letterheads depending on what type of information was being sent. The maintenance bulletins seem to have been the most numerous especially for the diesel engines. Eventually these bulletins were gathered together systematically to form the basis of operation and maintenance manuals sent to customers purchasing new diesel electric locomotives.

The customer base was also targeted along with other potential buyers for a lot of promotional literature which seemed to start

in earnest with the B-L-H merger. Much of this material was well designed and took the form of two color flyers that contained pictures and specifications of different locomotive types: switchers, freight, passenger, industrial, etc. Detailed specifications in typed and mimeographed form were also available to be given to potential buyers.

Customers of both locomotives and stationary diesel engines were registered in a special kind of internal document which was updated constantly. In 1945 the list of "Stationary & Marine Diesel Engines" started with De La Vergne installation of a SI model, two cylinder horizontal engine for the Prairie Pipe Line Co. at Burbank, OK. The history of resales to other companies was registered. This list was brought down to 1945 with the sale of a six cylinder VO engine to the US Maritime Commission training school at Brooklyn, NY. Information included in this 46 page list is as follows: serial, sales order & date of s.o., customer, model & no. cylinders, bore & stroke, B.H.P., R.P.M., engine shipping date, location of installation [and subsequent resales and relocations.] Another version, starting in 1930 and ending in 1947, combined stationary and locomotive engine orders.

Other lists were developed to keep track of diesel electric locomotive sales. One, entitled "Baldwin Diesel Electric Locomotives" and covering the period 1939 to 1945, organized the locomotives into 660 and 1000 HP groups starting with serial number 1 for each category. The data given on each locomotive was as follows: serial, engine & road numbers, customer, date in service,

and location. The next variation was "Diesel Electric Locomotives in the Field" (1946). The locomotives were listed by customers from the Akron & Barberton Belt Railroad to the Youngstown Sheet and Tube Company. The information had a slightly different order: railroad, H.P, serial, construction, road, & engine numbers, date in service, and location.

### Customer Correspondence

12 B-15-2 Repair and "Extra" Orders for locomotives, c. 1944 to 1955, full filing drawer, good to fair condition. These repair orders are filed in folders and binders by year and by customer. Bills of materials are also included along with the correspondence to document the actual repairs made. There are summary data as well as the individual cases.

**VALUE ASSIGNED: \$75.00**

12 B-17-3 Repair and "Extra" Orders for locomotives, c. 1954 to 1970, full filing drawer, good to fair condition. This is a continuation of the material described immediately above. It also has a miscellaneous and reference file. There is a special section on the repair of the brakes of 100 ton trucks. Among the customers covered are the Oliver Minning Co. and the Seaboard Airline Railroad. This file was continued by the B-H Company into the 1970's.

**VALUE ASSIGNED: \$50.00**

12 C-12-4 Customer Correspondence of Locomotive and Stationary Diesel Engine repair, two-thirds of a file drawer, c. 1950's to 1960's, good to fair condition. This file drawer contains correspondence, bills of material, and some blueprints covering repair, overhaul, and modernization of locomotives owned by such firms as U. S. Steel, Youngstown Sheet and Tube, Tennessee Eastman Corp., Texas Southeastern RR, the Tenn. Valley Authority, and the Ohio River Company.

**VALUE ASSIGNED: \$50.00**

12 Box 62 Two post binders [in C.H.Wheeler Pumps covers] for: (1) diesel engine return and repair orders; and renewal parts orders, 1961 to 1969, good condition. These two books cover bedplates and "A" frames and contain information on how diesel engines could be repaired.

**VALUE ASSIGNED: \$25.00**

C-2-2&3 Customer files, D to Y, two full file drawers, c. 1950' to 1970's, good to fair condition. These files cover repair and modernization of locomotives and continue from the B-L-H era to the B-H Company early period. Of special interest are the minutes of 1955 covering meetings to discuss the possibility of General Electric supplying B-L-H with electric motors and generators.

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**VALUE ASSIGNED: \$50.00**

**Service, Maintenance and Renewal Parts Bulletins**

Box 47 BLW and B-L-H Maintenance, Operation, Service and Renewal Parts Bulletins, c. 2,000 sheets, c. 1949 to 1954, good to fair condition. Multiple copies of some bulletins. In 1953 a renewal bulletin is used to announce a joint program with Westinghouse Electric.

12

**VALUE ASSIGNED: \$150.00**

Box 52 B-L-H Service and Renewal Parts Bulletins, four large binders, c. 1949 to 1964, good condition. Included are some service bulletins for Lima-Hamilton Locomotives and BLW. The bulletins are well indexed. By 1964 a "Industrial Equipment Division" bulletin is being distributed.

12

**VALUE ASSIGNED: \$60.00**

Addenda B-L-H Renewal Parts and Service Bulletins, c. 100pp. in three  
Box 4 ring binder, 1950's and 1960's, good condition. Blue bulletins are renewal parts and green are service [maintenance]. They are organized by volume and numbers. Indices to bulletins are provided. Very often the renewal parts bulletin is used to promote modernization -- especially the VO diesel engine which at first could not be supercharged.

12?

**VALUE ASSIGNED: \$15.00**

Boxes 45 B-L-H Service and Maintenance Bulletins, 7 binders and 3  
& 67 accordian envelopes [c. 2000 sheets], c. 1950's and 1960's, good condition. In addition to loose bulletins in the envelopes with some repetition, there are six copies of "Maintenance Manual for Diesel Electric Railroad Equipment." These are made up of a series of bulletins on fuels, engines, transmissions, mechanical items, electrical, and engineering.

12

**VALUE ASSIGNED: \$125.00**

## Promotion and Advertising Materials

12?  
Addenda 17 De La Vergne Stationary Engine Flyers and Trade Catalogs  
Box 1 in a thick binder/folder, 1917 to 1933, very good condition  
except for stamp, "SALES DATA FILE," on covers. These flyers  
and trade catalogs vary in size and in number of pages from  
a 4-page, 4"x8.5" one color item on vertical engines to a 42  
page, three color art nouveau designed catalog of the entire  
product line in 1927.

The collection above was found in a folder with 5 8.5"x11"  
flyers on different 1930's DLV models, 16"x22" broadside on  
the "HA" engine, a 1928 operations manual for "VG", "VA" &  
"VB" models, c. 1928 6-page flyer "illustrated list for the  
"HA" engine, a folder with 4 blueprints with DLV engine  
dimensions and arrangements, 9 B&W 8x10 photographs of the 60  
"VO" series engines, and two Baldwin sales bulletins for the  
600 and 700 series engines.

VALUE ASSIGNED: \$125.00

12  
Box 124 B-L-H Advertising Flyers, c. 2000 sheets, 1953 to 1961, fine  
condition. Seven different flyers are represented in this box.  
About 60 per cent of the space is taken up by "Better  
Performance at Lower Cost When You Remodel your VO Locomotive  
the Baldwin Way", 4pp (1959). One other is instructional about  
ordering renewal parts. Three flyers are for industrial  
mechanical and hydraulic locomotives. Two flyers are for  
export large road and all service locomotives.

VALUE ASSIGNED: \$100.00

12?  
Addenda B-L-H Sales Bulletins, Data and Specifications for the entire  
Box 4 product line, 3 hole binder, c. 150pp., good condition. This  
seems to have been compiled to bring bulletins, data,  
elevations, and photographs into one place. It is mostly  
about the locomotive line and has c. 8pp sections on the  
following: S-8, S-12, RS-12, AS-16, AS-416, AS-616, RT-624,  
and RF-16. But there are sections on engines and trucks,  
photographs, blueprints, graphs, etc.

VALUE ASSIGNED: \$75.00

## Stationary Engine, Locomotive and Customer Lists

12?  
Addenda BLW & BLH Stationary Engine, Locomotive, and Customer Lists,  
Box 4 8 binders, 1945 to 1960, good to fair condition. (1)  
Stationary & Marine Diesel Engines, mainly those of De La  
Vergne origin, spirit process, 1919 to 1945; (2) List of  
Engine Orders, photocopy, 1930 to 1947. The first 600 series  
engine ordered on 6-19-45 by Seaboard Airline Railway. (3)

Baldwin Diesel Electric Locomotives, spirit process, 1939 to 1949. This gives the serial numbers for the 660 and 1000 HP locomotives. (4) The same as (3) up to 1946 and "Diesel Electric Locomotives in the Field", mimeographed, revised November, 1946. This is organized alphabetically by customer name. (5) Diesel Electric Locomotives in the Field, mimeographed, revised November, 1948. (6) Diesel Electric Locomotive in the Field, mimeographed, revised June, 1960, and annotated through 1964, showing changes in location, ownership, and equipment including "conversion" to an Electric Motive Division engine.

**VALUE ASSIGNED: \$75.00**

### Vendor and Alphabetical Files

One aspect of the process of manufacturing and maintaining locomotives and stationary engines can be seen in the vendor correspondence. On the one hand BLW/BLH was constantly on the look out to increase efficiency both in manufacture and maintenance by purchasing the best auxiliary parts to go with the Baldwin products. When something went wrong with a vendor's product, e.g. an Elliott turbocharger, Baldwin turned to the original manufacturer for advice and sometimes for replacements. On the other side the vendors were trying to convince Baldwin to buy their products and sometimes supported development and testing costs to make sure a new part was compatible with Baldwin evolving designs.

Vendor files were organized alphabetically not by the name of the company but rather by locomotive parts and problems faced by the manufacture, testing, and maintenance of locomotives. Since vendors sold many of the parts used to bring a locomotive to market, information on their particular products would be filed under the types of parts along with correspondence and with data

from competitors. The vendors gave Baldwin parts catalogs and a certain amount of proprietary information in the form of blueprints of the drawings of their equipment. Baldwin-Hamilton Company continued to add to these files.

12 C-11-1 Vendor files, A to B, drawer 75% full, c. 1940's to 1970's, good to fair condition. Included are data on air ducts, axles, alarm systems, air brakes, batteries and brakes. There are a lot of blueprints from the Westinghouse Air Brake Company.

VALUE ASSIGNED: \$75.00

12 C-11-2 Vendor files, C to F, drawer 80% full, c. 1940's to 1970's, good to fair condition. Included are data on cab, controllers, cooling, couplers, dump cars, drains, and fans.

VALUE ASSIGNED: \$80.00

12 C-11-3 Vendor files, F to G, drawer 80% full, c. 1940's to 1970's, good to fair condition. Included are data on flat cars, gauges, gears and generators. The latter are organized under various horsepowers and take up about two thirds of the space.

VALUE ASSIGNED: \$80.00

12 C-11-4 Vendor files, G to H, drawer 50% full, c. 1940's to 1970's, good to fair condition. Included are data on generators, governors, handbrakes, and hardware.

VALUE ASSIGNED: \$50.00

12 C-11-5 Vendor files, H, drawer 33% full, c. 1940's to 1970's, good to fair condition. Included are data on handbrakes, hardware, headlights, heat exchangers, hinges, horns, and hoses.

VALUE ASSIGNED: \$35.00

12 C-4-1 Vendor files, I to M, drawer 80% full, c. 1940's to 1970's, good to fair condition. Included are data on journal boxes, load tests, lubricators and motors by model number.

VALUE ASSIGNED: \$80.00

12 C-4-2 Vendor files, M to S, drawer 33% full, c. 1940's to 1970's, good to fair condition. Included are data on mirrors, radiators, rheostats, safety valves, and sheave wheels.



VALUE ASSIGNED: \$35.00

12  
C-4-3 Vendor files, S to W, drawer 75% full, c. 1940's to 1970's, good to fair condition. Included are data on steering wheels, steels (special), transmissions, V-belts, voltage regulators, wipers, wheel assembly, and Westinghouse Electric manuals.

VALUE ASSIGNED: \$75.00

12  
C-4-4 Vendor files, W, drawer 50% full, c. 1940's to 1970's, good to fair condition. Included are data on wheels and wheels & tires. Also present a thick folder with tests and correspondence involving the Southern Pacific Railroad in their attempt to use two fuels, one being substandard, 1953 to 1955. At the back of the drawer is a W. B. Dean & Sons trade catalog for gauges, small tools, and machinery, c. 1960.

VALUE ASSIGNED: \$75.00

12  
C-12-3 Vendor files, F, drawer 66% full, c. 1940's & 1950's, good to fair condition. Included are data on filters both for cleaning air and oil. Many vendors represented including Air-Maise and Briggs.

VALUE ASSIGNED: \$65.00

12  
B-17-4 Vendor files, B to C, drawer 60% full, c. 1940's & 1950's, good to fair condition. Included are data on bearings, connecting rods, and crankshafts.

VALUE ASSIGNED: \$60.00

12  
B-17-5 Vendor files, P, drawer 80% full, c. 1940's & 1950's, good to fair condition. Included are data on pipes, pistons and pumps but most of the space is given over to pumps.

VALUE ASSIGNED: \$80.00

#### Miscellaneous

12  
B-17-1 Publications: C. Lipson & W. M. Murray (eds.) Experimental Stress Analysis: Proceedings of the Society for Experimental Stress Analysis, Vol. I, #1, Cambridge, Mass., 1943; Vol. I, #2, 1944; Vol. II, #1, 1944; Vol. II, #2, 1945; Vol. III, #1, 1945; Vol. III, #2, 1946. Good condition; property of General Machinery Corp., Hamilton, Ohio.

D. W. Taylor, The Speed and Power of Ships, New York, John Wiley & Sons, 1911, vol. 2, Tables and Plates. Fair condition, spine torn and 2/3rds missing. Property of De La Vergne Machine Company.

A. Stodola & Louis C. Loewenstein, Steam and Gas Turbines, New York, McGraw-Hill Book Co., 1927, reprinted N.Y., Peter Smith, 1944, 2 volumes, plates in envelope at rear of vol. 2. Good condition.

Julius Magg, Diesel maschinen; grundlagen, bauerten, problemen, Berlin, V.D.I. Verlag, 1928. Fair condition, spine detached, boards loose.

**LOT VALUE ASSIGNED: \$170.00**

12-0730  
12?  
Addenda BLW "Electric Truck [Book] # 7", January to October, 1915, Box 4 cloth bound (6.75"x8.5"), index, 138 numbered pages, good condition except for one page loose. This has the immediacy of the shop floor giving comments, design changes -- with informal diagrams -- in reaction to customers' requests for special orders. The weight of various parts is given and totaled. The names of of customers are indexed; they are a combination of railroads and streetcar companies.

**VALUE ASSIGNED: \$50.00**

12-0730  
12?  
Addenda BLW "Electric Truck Law", 6-11-1914, cloth bound (6.75"x8.5"), Box 4 index, 30 of 138 numbered pages used, good condition. This book replaced the one started in 1907. "Law" means standard practice and material specifications. This book is well indexed to particular parts: axles, brakes,...transom, ...wheel mounting, etc. There are many diagrams. All is neat and clear.

**VALUE ASSIGNED: \$75.00**

12-0730  
12?  
Addenda BLW "Titles and Proper Names, No. 1", "recopied Aug. 5th/38", Box 4 cloth bound (6.75"x8.5"), index, 89 of 138 pages used, poor condition, shaken, signatures loose, heavily soiled from use. This book was not to be removed from the the "blueprint room." It translates old nomenclature into new terms. On each page the old terms are in black ink on the left and the new terms in red ink on the right. For example, air reverse becomes reverse screw and rod; driving box collar hooks, gauge and misc. tools; guide step, engine step; lantern hook, signal fixture; oil burner, oilburning work; steam chest cap, steam chest; tender deck, decks and platforms; worm for snow plow, gear wheel; and wrecking chain, push pole.

**VALUE ASSIGNED: \$35.00**

12-0730  
12?  
Addenda BLW "Record of Motor & Trailer Trucks", c. 1904 to 1944, cloth Box 4 bound (6.75"x8.5"), index, 136 pages not all used, poor condition, cover worn, covers and spine loose, shaken. First

42 pages in ink; neat hand, covering 1904 to 1933 and gives year, extra order number, trucks numbers, and name of customer. Seems to be an index to details in three other volumes. Rest of book in pencil, many pages detached but present, devoted to extra orders under customer names and give card numbers. This second use of this book seems to have started during WWII.

VALUE ASSIGNED: \$10.00

12?

Addenda Box 4 BLW Extra Order 13602-1932 with the City of Philadelphia, for a 48x 1/2 inch pipeline, 22 11"x14" tracings of ink on linen.

12-0730

NO VALUE ASSIGNED

Addenda Box 4 BLW, Miscellaneous test data, practice, specifications, standards, etc., black three hole binder (9"x11.5"), c. 60 pp, c. 1936 to 1942, various formats in good condition. This is a treasure trove of miscellaneous information on steam and diesel electric locomotives in this pre-WWII era. One item is a printed list of all diesel-electric, gas-electric, and Another, is of internal-combustion locomotives ordered in 1941 for service in the U.S. Yet another item is a blueprint of a 1941 drawing of proposed switcher locomotives.

12?

VALUE ASSIGNED: \$75.00

Office Equipment

Ten card file cabinets, various sizes, good condition, @ \$10.00; 29 drawing storage ["blueprint"] 5 drawer, cabinets, 15"x28.5"x40.5", good condition, @ \$200.00; 19 drawing storage ["blueprint"] 3 to 12 drawer, cabinets, various sizes, poor condition, @ \$75.00; and nine filing cabinets, 4&5 drawer, legal & letter size, fair condition, @ \$25.00.

VALUE ASSIGNED: \$7,550.00

SUB-TOTAL PAGE 62ff: \$25,690.00

PAGE 43ff: \$23,697.00

PAGE 1ff: \$31,252.00

SUMMARY TOTAL: \$80,639.00

*Richard Deville*