



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P. 1911, GR-12.  
VAL. GR. L-57.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class S-2 I. C. C. Class 4-6-0 Service Freight Number 120

## LOCOMOTIVE DATA

Original Number 120  
 Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_  
 " " " " " " " "  
 Builder Schenectady Loco. Wks. Builders No. 5609.  
 Date Built, Month Oct. Year 1900.  
 From whom purchased Schenectady Loco. Wks.  
 Purchased New or Second Hand New Date 10-19-1900.  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 11-1-1900.  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Ext. wagon top, rad. stay O. D. First Ring 70"  
 Flues, No. 376 Outside Dia. 2" Length 14'2"  
 Steam Pressure, Maximum 200# Working 200#  
 Firebox, Type Narrow Length 120-3/16"  
 Width, Top 65" Bottom 41"  
 Height, Front 84" Back 71 1/2"  
 Grate Area 34.2 sq. ft. Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_  
 Combustion Chamber, Length None  
 Arch Tubes, No. 4 Size 3"  
 Superheater, Kind None  
 Feedwater Heater, Kind None Reheater, Kind None  
 Heating Surface Tubes 2,776 sq. ft. Flues \_\_\_\_\_  
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.  
 Superheating \_\_\_\_\_ Total Equivalent 3,016 sq. ft.  
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 30"  
 Drivers - Dia. over New Tires 63"  
 Driving Wheel Centers, Kind Cast Steel Dia. 56"  
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid 14'10" Total 25'10 1/2"

Weight on Drivers 141,000 lbs.  
 Weight of Engine, Working Order 182,500 lbs. Light 160,800 lbs.  
 Tractive Power I. C. C. Formula 30.7  
 TENDER, Type U-Shape, Number 7-C-46  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 4,350 Oil, Gals. \_\_\_\_\_ Coal, Tons 7  
 Underframe, Kind Steel End Sills, Kind Wood  
 Wheels, No. 8 Kind 3 prs. C.I. 1 pr. S.I. Dia. 33"  
 Journals, Size 4 1/8" x 8" Trucks, Kind Arch Bar  
 Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None  
 Weight, Light 38,200 lbs. Loaded 92,400 lbs.  
 Weight Engine and Tender, Light 199,000 lbs. Loaded 274,900 lbs.

## APPURTENANCES

Headlights, No. 1 Kind Pyle - Electric  
 Main Valve, Kind Piston & Slide Dia. (If piston) 12"  
 Valve Gear, Kind Stephenson Driver Brake, Kind Am. Equal.  
 Air Brake Equipment, Kind Westinghouse Schedule A-1, SWA.  
 Air Pumps, No. 1 Make Westinghouse Size 9 1/2"  
 Air Reservoirs, No. 2 Size 22 1/2" x 51"  
 Train Signals, Kind West. Air Sanders, Kind Leach E & Hand  
 Stoker, Kind None Power Reverse, Kind None  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind Gollmar  
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

## FINAL DISPOSITION

By Retired Place \_\_\_\_\_ Date 10-1-25

Original Cost F. O. B. Chicago, Ill. 16 877 28  
 Receivership Value  
 Designing and Engineering  
 Inspection during Construction  
 Inspection of Material  
 Messenger Service  
 Setting up and breaking in ( 78 86  
 Miscellaneous, Tools, etc. (  
 Freight paid from Chicago to St. Paul 78 00  
 Total 17 034 14

**ENG'R REPORT 15,140.00** DEPRECIATION **ENGINE 86% = 13,020.40**  
**TENDER 14% = 2,119.60**  
 DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS **NP 120**  
 { Receivership Value }

Cost or Value	DEPRECIATION			Cost or Value	DEPRECIATION		
	R+E	- ENGINE	Amount		R+E	- TENDER	Amount
	E.R.	O.C.	14,649.36		E.R.	O.C.	2,386.52
		831-09	224.76		O.3	5079-21	1.74
		846-11	6.10			5020-47	< 2,386.52 >
		887-17	238.67				
	O.3	925-16	1.43				
		5030-26	< 17,680.82 >				
		5017-27	175.72				
		"	< 1.74 >				
		5015-29	2,386.52				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224 76
846-11	5-15	Safety Appliances	6 10
925-16	8-17	Back stop on pilot step	1 43
887-17	7-19	Cross comp. compressor	238 67
5079-21	1-18-22	AL-156 Water Crane Hooks	174
5030-26	10-25	Engine portion retired	< 17,680.82 >
5017-27		Retirement adj.	175.72
5015-29		Retirement adj.	2,386.52
5017-27		Retirement adj.	< 1.74 >
5020-47	4-16-47	TENDER DISM.	< 2,386.52 >

Imp. Report  
 Order 3  
 Imp. Rep.

FINAL DISPOSITION

By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_  
 Total Cost based on { Original Cost }  
 { Receivership Value }  
 Salvage \_\_\_\_\_  
 Accrued Depreciation \_\_\_\_\_  
 Amount Charged to Retirements \_\_\_\_\_