

Northern Pacific Ry. Co's Class RI. C. C. Class 4-6-0Service Freight

Number

175

LOCOMOTIVE DATA

Original Number 175
 Renumbered from _____ to _____ Date _____
 Builder Schenectady Loco. Wks. Builders No. 4567.
 Date Built, Month July Year 1897.
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 7-31-97.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 8-10-97.
 Setting up Shop Brainerd, Minn.
 Boiler Type Ext. wagon top, rad. stay O. D. First Ring 70"
 Flues, No. 376 Outside Dia. 2" Length 13'6"
 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 2,654 sq. ft. Flues _____
 Firebox 208 sq. ft. Arch Tubes 32 sq. ft.
 Superheating _____ Total Equivalent 2,894 sq. ft.
 Cylinders H. P., Dia., 22" L. P. Dia., 34" Stroke 26"
 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 25'11"

Weight on Drivers 126,000 lbs.
 Weight of Engine, Working Order 172,500 lbs. Light 151,210 lbs.
 Tractive Power I. C. C. Formula 26.6
 TENDER, Type U-Shape, Number 16-C-23
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 4,350 Oil, Gals. _____ Coal, Tons 9
 Underframe, Kind Steel End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Arch Bar
 Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None
 Weight, Light 38,200 lbs. Loaded 92,450 lbs.
 Weight Engine and Tender, Light 189,410 lbs. Loaded 264,950 lbs.
 APPURTENANCES
 Headlights, No. 1 Kind Pyle - Electric
 Main Valve, Kind Slide Dia. (If piston) _____
 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 46"
 Train Signals, Kind None Sanders, Kind Leach E Dble.
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Crosby
 Couplers, Kind, Engine _____ Tender Charon 6" x 6"

FINAL DISPOSITION

By DISMANTLED Place BRainerdDate 11- -26

Original Cost F. O. B. Chicago, Ill.	12	400	97
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in	(81	92
Miscellaneous, Tools, etc.	(
Freight paid from Chicago to St. Paul		78	00
Total	12	560	89

DEPRECIATION-
 ENGINE 86% = 12,131.16
 TENDER 14% = 1,974.84
 DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS
 { Receivership Value } **NP175**

Cost or Value	-DEPRECIATION-			Cost or Value	-DEPRECIATION-		
	R+E	-ENGINE			R+E	-TENDER	
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	10,802.37		E.R.	O.C.	1,758.52
		846-11	9.88		O.3.	5079-21	1.74
		898-17	188.00			5088-42	1,760.26
	O.3.	925-16	1.43				
		803-18	394.40				
		5063-20	1.74				
		5152-23	33.40				
		5134-26	13,158.08				
		5110-27	33.40				
		5015-29	1,760.26				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
846-11	5-15	Safety appliances	9 88
925-16	8-17	Back stop on pilot steps	1 43
5079-21	11-7-22	AL-156 Water Crane Hooked	1 74
5063-20	4--22	AL-169 Hand Holds on Sand Pumps	1 74
898-17	6-18	816-J - Electric Handlight	188 00
803-18	from	816-A - Air pump changed	394.40
5152-23	1-24	AL-18 Air Signal Spring Assembly	33 40
5134-26	1-27	Engine Portion Retired	13,158.08
5110-27		Retirement adj.	33 40
5015-29		Retirement adj.	1,760.26
5088-42	7-27-45	TENDER PORTION DISM.	1,760.26

FINAL DISPOSITION

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