



## STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-15.  
VAL. GR. L-77.

Form 7310 RP

Northern Pacific Ry. Co's Class Y I. C. C. Class 2-8-0 Service Switch Number 41

## LOCOMOTIVE DATA

Original Number 41  
Renumbered from \_\_\_\_\_ to \_\_\_\_\_ Date \_\_\_\_\_Builder Schenectady Loco. Wks. Builders No. 4917  
Date Built, Month Dec. Year 1898  
From whom purchased Schenectady Loco. Wks.  
Purchased New or Second Hand New Date 12-15-1898Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
Receiving Station St. Paul, Minn. Date 12-23-1898  
Setting up Shop Brainerd, Minn.Boiler Type Ext. Wagon top, rad, stay O. D. First Ring 72 1/2"  
Flues, No. 206 & 32 Outside Dia. 2" & 5 1/2" Length 12'9"  
Steam Pressure, Maximum 200# Working 175#Firebox, Type Narrow Length 120-3/16"  
Width, Top Wt. F. 67 1/2", Bk. 61 1/2" Bottom 42"  
Height, Front 77" Back 73 1/2"Grate Area \_\_\_\_\_ Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_  
Combustion Chamber, Length None  
Arch Tubes, No. 2 Size 3"  
Superheater, Kind SchmidtFeedwater Heater, Kind None Reheater, Kind \_\_\_\_\_  
Heating Surface Tubes 1,350 sq. ft. Flues 583 sq. ft.  
Firebox 203 sq. ft. Arch Tubes 15 sq. ft.  
Superheating 468 sq. ft. Total Equivalent 2,863 sq. ft.Cylinders H. P., Dia., 20" L. P. Dia., \_\_\_\_\_ Stroke 34"  
Drivers—Dia. over New Tires 55"  
Driving Wheel Centers, Kind Cast Steel Dia. 48"  
Wheels, Leading Truck, Kind Steel Tired Dia. 30"  
Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
Wheel Base, Rigid 14'8" Total 23'3"Weight on Drivers 173,300 lbs.  
Weight of Engine, Working Order 191,000 lbs. Light 170,660 lbs.  
Tractive Power I. C. C. Formula 36.7  
TENDER, Type U-Shape Number 10-C-3

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 5,500 Oil, Gals. \_\_\_\_\_ Coal, Tons 10  
Underframe, Kind Steel End Sills, Kind Wood  
Wheels, No. 8 Kind Steel Tired Dia. 33"  
Journals, Size 5" x 9" Trucks, Kind Arch Bar  
Air Brake Cylinder, Size 10" x 12" Coal Pusher, Kind None  
Weight, Light 45,000 lbs. Loaded 112,000 lbs.  
Weight Engine and Tender, Light 215,660 lbs. Loaded 303,000 lbs.

## APPURTENANCES

Headlights, No. 2 Kind Pyle - Electric  
Main Valve, Kind Piston 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. 2 Make Westinghouse Size 2 1/2"  
Air Reservoirs, No. 3 Size 2-22 1/2" x 51" & 1-12" x 14"  
Train Signals, Kind None Sanders, Kind Leach E Dble. & Hand  
Stoker, Kind None Power Reverse, Kind \_\_\_\_\_  
Flange Lubricators, Kind None  
Pneumatic Fire Doors, Kind None  
Automatic Bell Ringers, Kind Gollmar  
Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 5" x 5"

## FINAL DISPOSITION

By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_

Original Cost F. O. B. Chicago, Ill.	13	256	00
Receivership Value			
Designing and Engineering			
Inspection during Construction			
Inspection of Material			
Messenger Service			
Setting up and breaking in		93	77
Miscellaneous, Tools, etc.			
Freight paid from Chicago to St. Paul		75	66
Total	13	425	43

ENG. REPORT \* 17,277.00 DEPRECIATION ENGINE 85.041% = 14,692.52  
 TENDER 14.959% = 2,584.48

DEPRECIATION BASED ON { Original Cost  
 Receivership Value } PLUS IMPROVEMENTS **NP 71**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	11,223.66		E.R.	O.C.	2201.77
		831-09	224.76		O.Z.	5079-21	1.74
		846-11	8.31			5049-33	(2203.51)
	O.Z.	5062-24	111.32				
		5111-23	1.59				
	E.R.	849-16	3384.55				
	O.Z.	5007-30	64.92				
		5029-37	327.63				
		5007-38	11.45				
		5058-40	282.96				
		5143-37	177.99				
		5000-48	28.62				
		5055-54	1584.76				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224.76
846-11	5-15	Safety Appliances	8.31
5079-21	5-23	AL-156 Water Crane Hooks	1.74
5062-24	1-11-26	BL-72 Pulley Beam Changed	111.32
5111-23	1-11-26	AL-169 HANDHOLD ON SAND DOME	1.59
849-16	6-17	Remodeled	3384.55
5007-30	8-30	BL-74 PNEUMATIC FIRE PUMP	64.92
5049-33	10-33	TENDER DISM.	(2203.51)
5029-37	9-9-38	BL-177. SPARK ARRESTER	327.63
5007-38	5-19-37	AL-217. ALENITE LUB. FITTINGS	11.45
5058-40	11-30-40	BL-6. AIR PUMP CHG	282.96
5143-37	9-9-38	AL-176. POWER REVERSE	177.99
5000-48	7-10-48	BL-99. WATER GLASS GUARD CHG.	28.62
5055-54	3-4-55	ENGINE PORTION DISM	1584.76

FINAL DISPOSITION

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