



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P-1912, GR-12.  
VAL. GR. L-74.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class F-1 I. C. C. Class 2-8-0 Service Freight Number 71

## LOCOMOTIVE DATA

Original Number 471  
 Renumbered from 471 to 71 Date \_\_\_\_\_  
 " " " " " "  
 Builder Baldwin Loco. Wks. Builders No. 9506.  
 Date Built, Month Oct. Year 1888.  
 From whom purchased Baldwin Loco. Wks.  
 Purchased New or Second Hand New Date 10-1-88.  
 Authority No. \_\_\_\_\_ Voucher No. \_\_\_\_\_ Reqn. No. \_\_\_\_\_  
 Receiving Station St. Paul, Minn. Date 10-11-88.  
 Setting up Shop Brainerd, Minn.  
 Boiler Type Straight top, rad. stay O. D. First Ring 72"  
 Flues, No. 271 Outside Dia. 2 1/4" Length 13'6"  
 Steam Pressure, Maximum 150# Working 150#  
 Firebox, Type Narrow Length 121"  
 Width, Top 62 1/2" Bottom 42"  
 Height, Front 63" Back 59 1/2"  
 Grate Area 35.3 sq. ft. Oil Burner, Type \_\_\_\_\_ Size \_\_\_\_\_  
 Combustion Chamber, Length None  
 Arch Tubes, No. None Size \_\_\_\_\_  
 Superheater, Kind None  
 Feedwater Heater, Kind None Reheater, Kind None  
 Heating Surface Tubes \_\_\_\_\_ Flues \_\_\_\_\_  
 Firebox \_\_\_\_\_ Arch Tubes \_\_\_\_\_  
 Superheating \_\_\_\_\_ Total Equivalent 2,321 sq. ft.  
 Cylinders H. P., Dia., 22" L. P. Dia., \_\_\_\_\_ Stroke 28"  
 Drivers—Dia. over New Tires 51"  
 Driving Wheel Centers, Kind Cast Iron Dia. 44"  
 Wheels, Leading Truck, Kind Steel Tired Dia. 30"  
 Wheels, Trailing Truck, Kind \_\_\_\_\_ Dia. \_\_\_\_\_  
 Wheel Base, Rigid 14'0" Total 22'3"

Weight on Drivers 135,000 lbs.  
 Weight of Engine, Working Order 150,000 lbs. Light 130,400 lbs.  
 Tractive Power I. C. C. Formula 33.8  
 TENDER, Type U-Shape. Number 9-A-6  
 (Tender shown is one purchased with this locomotive)  
 Capacity, Water, Gals. 4,000 Oil, Gals. \_\_\_\_\_ Coal, Tons 10  
 Underframe, Kind Wood End Sills, Kind Wood  
 Wheels, No. 8 Kind Cast Iron Dia. 33"  
 Journals, Size 4 1/4" x 8" Trucks, Kind Equalized  
 Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None  
 Weight, Light 34,430 lbs. Loaded 87,770 lbs.  
 Weight Engine and Tender, Light 164,830 lbs. Loaded 237,770 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, S.W.A.  
 Air Pumps, No. 2 Make Westinghouse Size 9 1/2"  
 Air Reservoirs, No. 2 Size 12" x 144" & 22 1/2" x 120"  
 Train Signals, Kind None Sanders, Kind NP  
 Stoker, Kind None Power Reverse, Kind None  
 Flange Lubricators, Kind None  
 Pneumatic Fire Doors, Kind None  
 Automatic Bell Ringers, Kind Crosby  
 Couplers, Kind, Engine Tower 6" x 6" Tender Tower 5" x 5"

## FINAL DISPOSITION

By SOLD Place S. P. & S. Ry. Date 6-30-25

Original Cost F. O. B.

Receivership Value

Designing and Engineering

Inspection during Construction

Inspection of Material

Messenger Service

Setting up and breaking in

Miscellaneous, Tools, etc.

Freight paid from \_\_\_\_\_ to \_\_\_\_\_

Total

8 000 00

8 000 00

ENG. REPORT 12,570.00

DEPRECIATION

ENGINE 88.5% = 11,124.45

TENDER 11.5% = 1,445.55

DEPRECIATION BASED ON { Original Cost  
Receivership Value } PLUS IMPROVEMENTS

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Cost or Value	DEPRECIATION - ENGINE			Cost or Value	DEPRECIATION - TENDER		
	R+E	PERIOD	AMOUNT		R+E	PERIOD	AMOUNT
	E.R.	REC.	7080.00		E.R.	REC.	920.00
		845-10	224.18			5127-25	(920.00)
		846-11	5.04				
	O.3.	925-16	1.43				
		5127-25	(7310.65)				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
845-10	7-11	Electric headlights	224 18
846-11	5-15	Safety Appliances	5 04
925-16	2-18	Back stop on pilot steps	1 43
5084-20	9-20	Tender portion retired	< - >
5078-24	3-24	Engine portion sold	< 8230 65 >
5025-25	3-25	" " Reinstated	8230 65
5127-25	6-25	Engine portion sold	< 8230 65 >

Imp Report

Order 3

FINAL DISPOSITION

By <u>Sold</u>	Place <u>SP...</u>	Date <u>6-30-25</u>
Total Cost based on {	Original Cost	
	Receivership Value	
Salvage		
Accrued Depreciation		
Amount Charged to Retirements		