



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 51

LOCOMOTIVE DATA

Original Number 488
 Renumbered from 488 to 51 Date Aug. 1897
 Builder Baldwin Loco. Wks. Builders No. 10447
 Date Built, Month Nov. Year 1889
 From whom purchased Baldwin Loco. Wks.
 Purchased New or Second Hand New Date 11-25-89
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 12-7-89
 Setting up Shop Brainerd, Minn.
 Boiler Type Straight Top, Rad. Stay O. D. First Ring 72"
 Flues, No. 271 Outside Dia. 21" 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 7-A-1
 (Tender shown is one purchased with this locomotive)
 Capacity, Water, Gals. 4,000 Oil, Gals. _____ Coal, Tons 7
 Underframe, Kind Wood End Sills, Kind Wood
 Wheels, No. 8 Kind Cast Iron Dia. 33"
 Journals, Size 4 1/2" x 8" Trucks, Kind Equalized
 Air Brake Cylinder, Size 8" x 12" Coal Pusher, Kind None
 Weight, Light 34,430 lbs. Loaded 81,770 lbs.
 Weight Engine and Tender, Light 164,830 lbs. Loaded 231,770 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 Browne
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Crosby
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

FINAL DISPOSITION

By SALE Place POLSON LOGGING Co Date 3-1-1933

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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DEPRECIATION R+E - ENGINE			DEPRECIATION R+E - TENDER				
Cost or Value	Rate	Period	Amount	Cost or Value	Rate	Period	Amount
	E.R.	REC.	7080.00		E.R.	REC.	920.00
		845-10	224.18		O.B.	5079-21	1.74
		846-11	5.05			5015-29	< 921.74 >
	O.B.	925-16	1.43				
		5048-20	468.11				
		5111-23	1.59				
		5092-28	4.83				
		5114-30	64.92				
		5010-33	< 7850.11 >				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	Amount
845-10	7-11	Electric headights	224.18
846-11	5-15	Safety Appliances	5.05
925-16	1-17	Back stop on pilot steps	1.43
5079-21	7-17	AL-156 Water Crane Hooks	1.74
5048-20	12-22	BL-4 Air Pump Charges	468.11
5146-24	7-19-24	Tender position retired	< - >
5127-25	4-19-24	Tender position reinstated	-
5030-26	9-25	Tender position retired	< - >
5111-23	12-22	AL-167 Handholds on Land Dams	1.59
5015-29		Retirement adj.	< 921.74 >
5092-28	2-29	AL-183 Wind Shields	4.83
5114-30	2-31	AL-74 Pneumatic Fireboot	64.92
5010-33	3-33	ENG. PORTION SOLD	< 7850.11 >

FINAL DISPOSITION

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