



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

ER. P. 1912, GR-13.
VAL. GR. L-75.

Form 7310 4200 RP

Northern Pacific Ry. Co's Class Y-1 I. C. C. Class 2-8-0 Service Freight Number 23

LOCOMOTIVE DATA

Original Number 23

Renumbered from _____ to _____ Date _____

Builder Schenectady Loco. Wks. Builders No. 5127.Date Built, Month Sept. Year 1899.From whom purchased Schenectady Loco. Wks.Purchased New or Second Hand New Date 1899.

Authority No. _____ Voucher No. _____ Reqn. No. _____

Receiving Station St. Paul, Minn. Date 9-22-99.Setting up Shop Brainerd, Minn.Boiler Type Ext. wagon top, rad. stay O. D. First Ring 72-1/8"Flues, No. 388 Outside Dia. 2" x 5/8" Length 142" 13/4"Steam Pressure, Maximum 200# Working 175#Firebox, Type Narrow Length 120-3/16"Width, Top Fr. 67 1/2" & Bk. 61 1/2" Bottom 42"Height, Front 77" Back 73 1/2"Grate Area 35 sq. ft. Oil Burner, Type _____ Size _____Combustion Chamber, Length NoneArch Tubes, No. 2 Size 3"Superheater, Kind NONE SCHMIDT 7/1921.Feedwater Heater, Kind None Reheater, Kind None

Heating Surface Tubes _____ Flues _____

Firebox _____ Arch Tubes 2 x 21Superheating 468 Total Equivalent 3799 sq. ft.Cylinders H. P., Dia., 23" 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 15' 8" Total 23' 7"Weight on Drivers 172,500 lbs. 171,500 lbs. 14,200 lbs. 171,640 lbs.Weight of Engine, Working Order 190,600 lbs. Light 167,850 lbs.Tractive Power I. C. C. Formula 43.5 36.7TENDER, Type U-Shape, Number 10-C-12

(Tender shown is one purchased with this locomotive)

Capacity, Water, Gals. 5,500 Oil, Gals. _____ Coal, Tons 10Underframe, Kind Steel End Sills, Kind WoodWheels, No. 8 Kind Steel Tired Dia. 33"Journals, Size 5" x 9" Trucks, Kind Arch BarAir Brake Cylinder, Size 10" x 12" Coal Pusher, Kind NoneWeight, Light 45,000 lbs. Loaded 112,000 lbs.Weight Engine and Tender, Light 212,850 lbs. Loaded 302,600 lbs.APPURTENANCES 216,640 304,300Headlights, No. 1 Kind Pyle - ElectricMain 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, S.W.A.Air Pumps, No. 2 Make Westinghouse Size 9 1/2"Air Reservoirs, No. 2 Size 22 1/2" x 51"Train Signals, Kind None Sanders, Kind Leach D-2 Dble. & HandStoker, Kind None Power Reverse, Kind NoneFlange Lubricators, Kind 2 NP #2Pneumatic Fire Doors, Kind NoneAutomatic Bell Ringers, Kind GollmarCouplers, Kind, Engine Sharon 6" x 6" Tender Sharon 5" x 5"*note: pencil changes effective 7-19-21.*

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. Chicago, Ill.	13	482	33
Receivership Value			
Designing and Engineering			
Inspection during Construction			34
Inspection of Material			
Messenger Service			
Setting up and breaking in	{	103	04
Miscellaneous, Tools, etc.			
Freight paid from Chicago St. Paul		60	00
Total	13	645	71

ENG. REPORT *15,965.00 DEPRECIATION ENGINE 84% = 13,410.60
 TENDER 16% = 2,554.40

DEPRECIATION BASED ON { Original Cost
 Receivership Value } PLUS IMPROVEMENTS **NP 23**

Cost or Value	DEPRECIATION R+E - ENGINE.			Cost or Value	DEPRECIATION R+E - TENDER.		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	11,462.40		E.R.	O.C.	2,183.31
		845-10	224.18			5018-47	< 2,183.31
		846-11	7.78				
	O.S.	925-16	1.43				
		5063-20	1.74				
		5029-20	3,737.85				
		5024-29	85.06				
		5007-38	11.45				
		5143-37	177.99				
		5000-48	28.62				
		5146-57	4,573.02				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
845-10	7-11	Elec. hdltts.	224 18
846-11	5-15	Safety Appliances	7 78
925-16	4-18	Back stop on pilot steps	1 43
5063-20	7-21	AL-169 Hand Holds on Laid Down	1 74
5029-20	7-21	BL-7 Air pumps chgd.	
		BL44-Cyl. changed	3,737 85
		BL72-Pilot Beam chgd.	
		AL91-Superheater appld.	
5024-29	6-29	BL74 Fire door Changed	85 06
5007-38	8-23-37	AL-217. ALUMITE LUB. FITTINGS	11 45
5143-37	2-28-39	AL-176. POWER REVERSE	177 99
5018-47	3-14-47	TENDER DISM.	< 2,183 31
5000-48	1-3-48	BL-94 WATER GLASS GUARD CORR.	28 62
5146-57	6-2-58	ENG. DISM.	< 4,573 02

FINAL DISPOSITION

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

15,965.00
 13,410.60
 2,554.40

Eng Report
 Tender 3