



STEAM LOCOMOTIVES. ACCOUNT NO. 51.

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

Form 7310 4200 RP

19

Northern Pacific Ry. Co's Class Y-1 I. C. C. Class 2-8-0 Service Freight Number 19

LOCOMOTIVE DATA

Original Number 19
 Renumbered from _____ to _____ Date _____
 Builder Schenectady Loco. Wks. Builders No. 5470.
 Date Built, Month Aug. Year 1900.
 From whom purchased Schenectady Loco. Wks.
 Purchased New or Second Hand New Date 1900.
 Authority No. _____ Voucher No. _____ Reqn. No. _____
 Receiving Station St. Paul, Minn. Date 8-17-1900.
 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" + 5/16" Length 34' 2" 131"
 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 _____
 Arch Tubes, No. 2 Size 3"
 Superheater, Kind None SCHMIDT 7/10/24
 Feedwater Heater, Kind None Reheater, Kind None
 Heating Surface Tubes _____ Flues _____
 Firebox _____ Arch Tubes _____
 Superheating 468 Total Equivalent 3,079 sq. ft.
 Cylinders H. P., Dia., 20" L. P. Dia., 30" 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' 0" Total 23' 7"

Weight on Drivers 172,500 Lbs. AFTER 7/10/24
 Weight of Engine, Working Order 190,600 lbs. Light 167,850 lbs.
 Tractive Power I. C. C. Formula 43.6 36.7
 TENDER, Type U-Shape, Number 10-C-14
 (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 2 prs. S.I. 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 212,850 lbs. Loaded 302,600 lbs.
 APPURTENANCES
 Headlights, No. 1 Kind Pyle - Electric
 Main 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" x 51"
 Train Signals, Kind None Sanders, Kind Leach E Dble. & Hand
 Stoker, Kind None Power Reverse, Kind None
 Flange Lubricators, Kind None
 Pneumatic Fire Doors, Kind None
 Automatic Bell Ringers, Kind Gollmar
 Couplers, Kind, Engine Sharon 6" x 6" Tender Sharon 6" x 6"

Note: pencil changes effective 7/10/24

FINAL DISPOSITION

By _____ Place _____ Date _____

Original Cost F. O. B. **Chicago, Ill.** 18 452 00
 Receivership Value
 Designing and Engineering
 Inspection during Construction
 Inspection of Material
 Messenger Service
 Setting up and breaking in { 90 90
 Miscellaneous, Tools, etc.
 Freight paid from **Chicago to St. Paul** 60 00
 Total 18 602 90

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

DEPRECIATION BASED ON { Original Cost } PLUS IMPROVEMENTS
 { Receivership Value } **NP 19**

Cost or Value	DEPRECIATION R+E - ENGINE			Cost or Value	DEPRECIATION R+E - TENDER		
	Rate	Period	Amount		Rate	Period	Amount
	E.R.	O.C.	15626.44		E.R.	O.C.	2976.46
		831-09	224.76			5104-29	<2976.46>
		846-11	7.79				
	O.S.	825-16	1.43				
		5057-23	2765.91				
		5060-20	29.17				
		5111-23	1.59				
		5007-30	64.92				
		5010-36	255.67				
		5007-38	11.45				
		5007-40	188.00				
		5011-49	29.14				
		5058-53	<19706.77>				

ADDITION AND BETTERMENT

A. F. E. No.	Date	Description	
831-09	1-10	Electric headlights	224.76
846-11	5-15	Safety Appliances	7.79
825-16	7-27	Back stop on pilot step	1.43
5057-23	5-10-14	Simplified Schmidt Superheater 2 1/2" C.K. Pump, steel pilot beam	2765.91
		Bl 160 Cab Vent Fan	29.17
5111-23	5-19-24	AL-169 Handholds on Load Dome	1.59
5104-29	2-1-30	Tender portion retired	<2976.46>
5007-30	11-30	BL-74 PNEUMATIC FIRE DOOR	64.92
5010-36	7-27-36	BL-177 SPARK ARRESTER	255.67
5007-38	6-1-38	AL-217-ALEMITE LUB. FITTINGS	11.45
5007-40	7-13-40	AL-176 POWER REVERSE	188.00
5011-49	6-13-49	BL-94 WATER GLASS GUARD CHG	29.14
5058-53	7-17-55	ENGINE DISMANTLED	<19706.77>

FINAL DISPOSITION

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