



NOTE:-
FIGURES SHOWN INCLUDE 1" IN HEIGHT AND 1" IN WIDTH OVER DRAWING DIMENSIONS FOR SHOP VARIATIONS.

LIGHT WEIGHT.....	517-536	537-546	547-561
ACCESSORIES.....	229,900	229,200	227,900
WEIGHT IN WORKING ORDER.....	18,700	18,700	18,700
MAX TRACTION EFFORT 25% ADHESIVE.....	248,600	247,900	246,600
YEAR BUILT.....	6,2150	6,1975	6,1650
	1950	1951	1952

517-536	537-546	547-561
229,900	229,200	227,900
18,700	18,700	18,700
248,600	247,900	246,600
6,2150	6,1975	6,1650
1950	1951	1952

LOCO. NUMBERS
BUILDER
MAX. TRACT. EFFORT AT 25% ADH.
CONT. TRACTIVE EFFORT
SPEED AT CONT. TRACT. EFFORT
MAX. DESIGN SPEED
MIN. CURVATURE - LOCO. ONLY
MIN. CURVATURE WITH ONE CAR
FUEL CAPACITY
LUBE OIL - DIESEL ENGINE
COOLING WATER - DIESEL ENGINE
NO. OF SAND BOXES
TOTAL SAND CAPACITY
SANDERS
DIESEL ENGINE - MAKE
DIESEL ENGINE - TYPE
DIESEL ENGINE - NO. OF CYLINDERS
DIESEL ENGINE - HORSEPOWER
MAN GEN. NO. - MAKE - TYPE
AUX. GEN. NO. - MAKE - TYPE
EXCITERS - NO. - MAKE - TYPE
TRAC. MOTORS - NO. - MAKE - TYPE
GEAR RATIO
CONTROL
AIR COMP. NO. - MAKE - TYPE
AIR COMP. CAP. FULL SPEED
AIR COMP. CAP. IDLE SPEED

517-561
AMERICAN LOCO. CO.
SEE TABLE
42500
11.6 M.P.H.
80.5 M.P.H.
180 FT.
280 FT.
800 GALS.
200 GALS.
250 GALS.
FOUR
2800 LBS.
CRANFORD WHITE FT. & BLEACH TRUCK
ONE ALSO SERIES 244 "V" TYPE
4 STK CYCLE - TURBO - SUP. CHARGED
12 CYLS. SIZE 9 BORE - 10 1/2 STROKE
1600 AT 1000 R.P.M.
ONE GE. GT-581
ONE GE. CY-27
ONE GE. AM-808
FOUR GE. GE-752-C1
64:119
GE TYPE "P" SINGLE END P.L.U.
ONE W.A.B. CO. 3-CDB
306 CFM
107 CFM

FOUNDATION BRAKES
BRAKE CYLINDERS
HAND BRAKE
TRUCKS
JOURNAL BEARINGS
RADIATOR FAN
TRACT. MOTOR BLOWERS
DRAFT GEAR
COUPLER
WARNING HORNS
HEAD LIGHTS
SPEED INDICATOR
STEAM GENERATOR
FEED WATER
OPERATING CAB HEATING
FIRE EXTINGUISHERS
BATTERY - MAKE
BATTERY - NO. & TYPE OF CELLS
VERT. CENTER OF GRAVITY
TRAIN AIR SIGNAL
CAB SIGNAL

8-10" X 8" W.A.B. TYPE 8AH
AJAX
FOUR WHEEL EQUALIZED
6 1/2" I.D. THICKEN ROLLER
GE. 28" ARMING BODY
CURRENT CLUTCH S-80Y J2
SURTENANT "V" BELT DRIVE
MINER - A-22 XL
A.A.R. TYPE "E"
TWO - W.A.B. E-2
TWO - PYLE NATIONAL
32 V-250W - MED. PREVIOUS
G.E.
V.C.H. CO. OH-4625
800 GALS.
ENGINE COOLING WATER
TWO - 20" ANSUL DRY POWDER
ELEC. STORAGE BATTERY CO.
32 CELL - TYPE MV-25 D
57" ABOVE RAIL
W.A.B.
GRS - DUAL - DOUBLE END
WAB GDS
WAB G8L
WAB G8L WITH SAFETY CONTROL

WHEEL USED
DIESEL ELEC.
LOCOB.
DESA-20
517-561

N.Y. N.H. & H.R.R.
NEW HAVEN JULY 27, 1950.

DIAGRAM

NO.	BY	DATE	LETTER

CORRECT TO APP 537-561 3/25/52 A
APPROVED
56319
ADDRESSEE