



BUILT BY	GM (EMD)
DATE BUILT	1969 (2008 1968)
IN SERVICE	1986
PURCHASED FROM	HELMS (CR)
WHEEL DIAMETER	40
JOURNALS	HYATT 6½ X 12
ENGINE	16-645 E
MAX. GOVERNED SPEEDS	
MAX. GOVERNED SPEED	900 RPM
MAX. IDLE	LOW: 255 / HIGH: 300 RPM
CYLINDERS	16
BORE	9.06
STROKE	10"
WT. IN WORKING ORDER (all supplies)	254,300#
WT. ON DRIVERS	100%
AIRBRAKE SCHEDULE	26L
BRAKE CYLINDERS	9"X8"
AIR COMPRESSOR/MODEL	GARDNER-DENVER/WBO

GEAR RATIO	62:15
SUPPLIES - TOTAL CAPACITY	
LUBRICATING OIL	243 GAL
FUEL OIL	3000 GAL
COOLING WATER	240 GAL
SAND	56 CU. FT.
MAX TRACTIVE EFFORT (½ VBL SUPPLIES @ 25% ADHESION)	60,000 63,600 LBS
MAX SAFE SPEED	70 MPH
MIN CONTINUOUS SPEED	10.5 MPH
MAX CURVATURE	19 (DEGREES)
MAX OVERALL DIMENSIONS	
HEIGHT	15' 10"
WIDTH	10' 3"
TRAIN LENGTH	59' 2"
HORSEPOWER	2000
MODEL	GP38-2
DYNAMIC BRAKE	EXTENDED RANGE

