OmniTRAX®

MECHANICAL DEPARTMENT WHEEL INSPECTION REPORT

LOCATION: ATN DATE: 4-24-14 LOCOMOTIVE NUMBER: 2002

POS.	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS	TREAD WEAR	WHEEL DIAMETER	HAS SHIMS YES	HAS SHIMS NO	POS.	FLANGE HEIGHT	FLANGE THICKNESS	RIM THICKNESS	TREAD WEAR	WHEEL DIAMETER	HAS SHIMS YES	HAS SHIMS NO
L1	21	0	38	2	25		X	R1	21	2	38	2	26		X
L2	21	0	39	2	30		X	R2	21	0	40	2	30		X
L3	21	8	39	2	27		X	R3	21	0	39	2	28		X
L4	21	3	30	2	19		X	R4	21	0	90	2	19		X
L5								R5							
L6								R6							

WEAR LIMIT - ROAD/FREIGHT - FRA			
FLANGE HEIGHT FRA 1-1/2"	FLANGE THICKNESS FRA 7/8"	RIM THICKNESS FRA 1"	TREAD WEAR FRA 5/16"

WEAR LIMIT - ROAD/FREIGHT - MECHANICAL DEPARTMENT			
FLANGE HEIGHT FRA 1-3/8"	FLANGE THICKNESS FRA 1"	RIM THICKNESS FRA 1 1/2"	TREAD WEAR FRA 1/4"

WEAR LIMIT - SWITCH/YARD SERVICE ONLY. NO INTERCHANGE			
FLANGE HEIGHT FRA 1-1/2" MECH DEPT 1 3/8"	FLANGE THICKNESS FRA 7/8" MECH DEPT. 1"	RIM THICKNESS FRA 3/4" MECH DEPT 1"	TREAD WEAR FRA 3/8" MECH DEPT 1/4"

LOCOMOTIVE RAIL CLEARANCE

COUPLER HEIGHT			PILOT HEIGHT			HEIGHT OF HORIZONTAL AND HANDHOLD		LOCO. RAIL CLEARANCE
		FRONT			FRONT		WITH HIGH SNOWPLOW	
FRA	MAX. 34 1/2" MIN. 31 1/2"	32½	FRA	MAX. 6" MIN. 3"	5½	FRA MIN. 30"	FRA MIN. 30"	FRA MIN. 2 1/2"
		REAR 32			REAR 5			

FOR WHEEL DIAMETER - SHIMMING INSTRUCTIONS ON THE BACKSIDE

8 = 37"
9 = 37 1/8"
10 = 37 1/4"
11 = 37 3/8"
12 = 37 1/2"
13 = 37 5/8"
14 = 37 3/4"
15 = 37 7/8"
16 = 38"
17 = 38 1/8"
18 = 38 1/4"
19 = 38 3/8"
20 = 38 1/2"
21 = 38 5/8"
22 = 38 3/4"
23 = 38 7/8"
24 = 39"
25 = 39 1/8"
26 = 38 1/4"
27 = 39 3/8"
28 = 39 1/2"
29 = 38 5/8"
30 = 39 3/4"
31 = 39 7/8"
32 = 40"
33 = 40 1/8"
34 = 40 1/4"
35 = 40 3/8"
36 = 40 1/2"
37 = 40 5/8"
38 = 40 3/4"
39 = 40 7/8"
40 = 41"
41 = 41 1/8"
42 = 41 1/4"

INSPECTOR [signature]

SUPERVISOR JB

MD005