MOBILE CRANE INSPECTION REPORT

LOCATION: ALCOSAN CUSTOMER UNIT # VEH -D12A
MANUFACTURER: NATIONAL SERIAL # 30775
RATED CAPACITY: 24 TON HOURS: 4130 DATE: NOV. 15, 2023

CRANE SUPERSTRUCTURE	NA	OK	NOTE	INSIDE	NA	OK	NOTE
ALL CONTROL MECHANISMS		X		OIL PRESSURE		X	
SWING		X		AIR PRESSURE		X	
LOAD RATE CHARTS & DECALS		X		LOW AIR WARNING DEVICE		X	
HOISTS		X		DASH LIGHTS		X	
BOOM HOIST LOCK OR PAWL	NA			HORN		X	
TELESCOPE BOOM		X		WINDSHIELD WIPERS		X	
AUXILARY WINCH	NA			HEATER & DEFROSTER		X	
MAIN WINCH		X		MIRRORS		X	
BRAKES		X		STEERING WHEEL		X	
LIMIT SWITCHES		X		ALL LIGHT SWITCHES		X	
LOCKING DEVICE	NA			ALL GLASS		X	
ANTI-TWO BLOCK DEVICE		X		FIRE EXTINGUISHER		X	
ACCUMULATOR SYSTEMS		X		FLAGS	NA		
AUTOMATIC LUBRICATING SYS	NA			REFLECTORS		X	
FLOOD LIGHTS		X		FUSES		X	
BOOM ANGLE INDICATOR		X		LIGHTS		X	
LOAD INDICATING DEVICE		X		CLEARANCE LIGHTS		X	
SIGNAL HORN		X		TIRES, WHEELS & LUGS		X	
FRICTION CLUTCHES	NA			FUEL CAP & TANK		X	
FRICTION CLUTCH LINKAGE	NA			OUTRIGGERS & CONTROLS		X	
HYDRAULIC FLUID		X		**ENGINE & DRIVE LINE**			
BATTERIES		X		RADIATOR		X	
WIRE ROPE		X	#1	THERMOSTAT		X	
SHEAVES & GUARDS		X		BELTS		X	
BLOCKS & HOOKS		X	#2	AIR COMPRESSOR		X	
GEAR REDUCER		X		AIR TANK & LINES		X	
HOOK ROLLERS	NA			TRANSMISSION		X	
OVERALL CLEANLINESS		X		TRANSFER CASE		X	
AUTOMATIC BOOM KICK-OUT		X		DRIVE SHAFT & U-JOINTS		X	
NUTS, BOLTS & RIVETS		X		DIFFERENTIAL		X	
CABLE SPOOLING PROPERLY		X		FRONT AXLE		X	
COMPLETE GANTRY SYSTEM	NA			INTERMEDIATE AXLE		X	
WEDGE SOCKET OR BECKET		X		REAR AXLE		X	
MACHINERY GUARDS		X		MASTER CYLINDER		X	
COUNTERWEIGHT HOOKS,BOLTS	NA			STEERING GEARS		X	
HANDRAILS & CATWALKS		X		STEERING CONTROLS		X	
PILLOW BLOCK BEARINGS	NA			SPRINGS & SHACKLES		X	
CRAWLER CRANE ITEMS				SHOCK ABSORBERS		X	
CRAWLER PADS	NA			**NDT INSPECTION**			
TRACK ADJUSTMENT TENSION	NA			HOOK		X	#3
TRACK ROLLERS & IDLERS	NA			BOOM	NA		
TRACTION BRAKES	NA						

ADDITIONAL NOTES:
NOTE: THE HOUR METER INSIDE THE CAB IS NOT OPERATING WILL NEED REPAIRED OR REPLACED.
#1- WIRE ROPE DIAMETER IS 0.57 INCHES. ONE KINK, NO BROKEN WIRES.
#2- HOOK THROAT OPENING IS 2.48 INCHES, AT CENTER PUNCH MARKS 4.82 INCHES.
#3- NDT PERFORMED ON LOWER HOOK, DYE PENETRANT TEST. NO DEFECTS FOUND.
ALL FUNCTIONS ARE OPERATING AS THEY SHOULD.