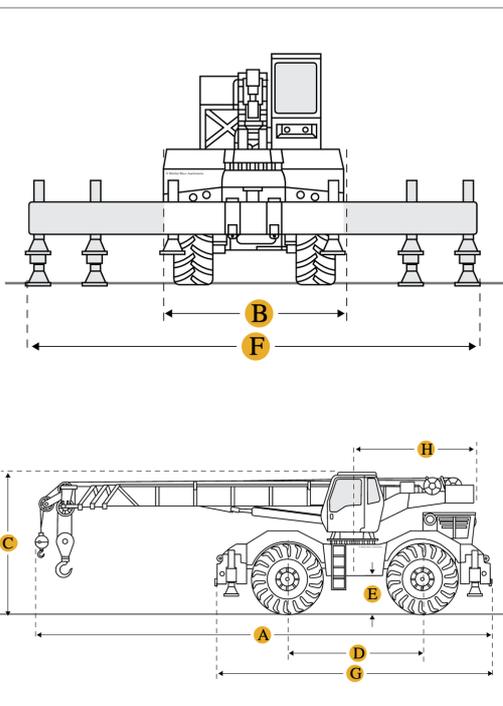


Inspection Report (Rough Terrain Crane)

General Info

Year	1980
Make	Grove
Model	RT980 -80
Serial Number	45308
Hour Meter Reading	2,612 (hours not accurate)
Previous Application (e.g., earth moving, mining, demolition, etc)	Boring Equipment Industry

Dimensions

Measurement Guide	
A. Length (ft and inches)	29' 9"
B. Width (ft and inches)	12' 3"
C. Height (ft and inches)	13' 4"
D. Wheelbase (ft and inches)	15' 5"
Operational Weight (lbs)	131,730 LBS.

Features and Configuration

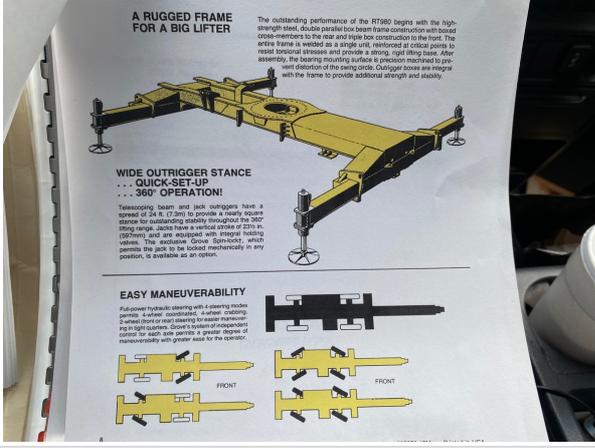
Control Station Type	Enclosed Cab
Heat	No
A/C	No
Radio	No
Backup Camera	No

Inspection Report (Rough Terrain Crane)

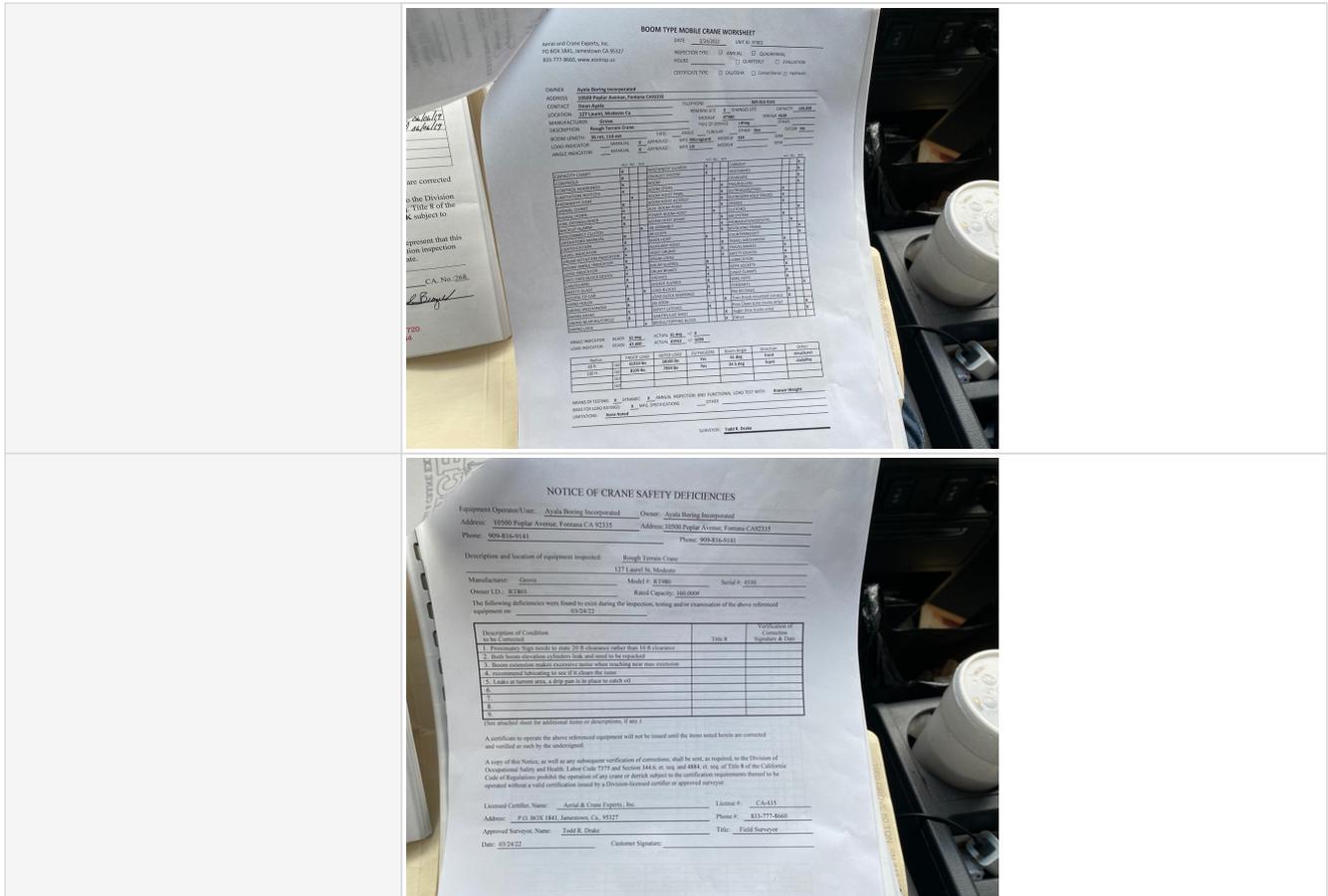
Telematics	No
Load Movement Indicator (LMI)	Yes
LMI Make/Model	On machine but Inoperable. No power connected, May need calibration (Per Operator)
Boom Type	Hydraulic Telescoping
Jib?	No
Crane Capacity (tn)	80 Tons
Max Reach (ft and inches)	114'
# Boom Sections	3
Winch System	Dual Winch
Outriggers	Yes
OMM (Operator & Maintenance Manual)	Yes

OMM Specifications

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Detail Specifications	Take photos of the detailed spec pages included in the operator's manual																																																																																																																																																																																																																																																																																																																																																																																										
OMM Spec Photos	 <p>A RUGGED FRAME FOR A BIG LIFTER The outstanding performance of the RT200 begins with the high-strength steel, double parallel box beam frame construction with bonded cross-members to the rear and legs box construction to the front. The entire frame is welded as a single unit, reinforced at critical points to resist torsional stresses and provide a strong, rigid lifting base. After assembly, the bearing mounting surface is precision machined to prevent deflection of the ergonomic. Outrigger bases are integral with the frame to provide additional strength and stability.</p> <p>WIDE OUTRIGGER STANCE - QUICK-SET-UP - SISO OPERATION! Telescoping boom and jib outriggers have a spread of 26 ft. (7.9m) to provide a steady secure stance for outstanding stability throughout the 300' lifting range. Spacing has a vertical spread of 20 ft. (6.1m) and are equipped with integral hoisting cables. The exclusive Great Spacing™, which permits the jib to be locked mechanically in any position, is available as an option.</p> <p>EASY MANEUVERABILITY Full-power hydraulic steering with 4 steering modes: parallel, wheel, countersteer, 4 wheel crabbing. Countersteer or right steering for easy maneuvering in tight spaces. Control 4 steering modes on each side permits a greater degree of maneuverability with greater ease for the operator.</p> <p>ENGINE SPECIFICATIONS</p> <table border="1"> <thead> <tr> <th>MAKE & MODEL</th> <th>Deutz 6-7TT</th> <th>Cummins NT 655</th> <th>Caterpillar 3306TA</th> </tr> </thead> <tbody> <tr> <td>TYPE</td> <td>6 Cylinder D14V</td> <td>6 Cylinder D14V</td> <td>6 Cylinder D14V</td> </tr> <tr> <td>BORE</td> <td>4.25 in. (108mm)</td> <td>5.5 in. (140mm)</td> <td>4.75 in. (120mm)</td> </tr> <tr> <td>STROKE</td> <td>5.1 in. (127mm)</td> <td>6.1 in. (155mm)</td> <td>6.1 in. (155mm)</td> </tr> <tr> <td>DISPLACEMENT</td> <td>426 cu. in. (6982cm³)</td> <td>552 cu. in. 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BATTERY	4x110CCA @ 9V	4x110CCA @ 9V	4x110CCA @ 9V																																																																																																																																																																																																																																																																																																																																																																																								
AIR CLEANER	Dry type	Dry type	Dry type																																																																																																																																																																																																																																																																																																																																																																																								
AIR COMPRESSOR	13.2 CFM	13.2 CFM	12 CFM																																																																																																																																																																																																																																																																																																																																																																																								
FOUNTER	Standard	Standard	Standard																																																																																																																																																																																																																																																																																																																																																																																								
ITEM	CRANE	POURCE	BEAM	FRONT	REAR																																																																																																																																																																																																																																																																																																																																																																																						
Basic standard machine to include 26 ft. (7.9m) x 114 in. (2.9m) boom	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 4 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 6 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 8 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 10 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 12 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 14 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 16 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 18 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 20 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 22 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 24 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 26 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 28 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 30 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 32 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 34 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 36 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 38 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 40 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 42 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 44 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 46 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 48 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 50 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 52 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 54 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 56 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 58 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 60 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 62 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 64 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 66 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 68 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 70 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 72 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 74 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 76 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 78 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 80 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 82 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 84 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 86 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 88 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 90 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 92 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 94 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 96 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 98 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						
Standard 100 wheel steering system	11,700	11,700	11,700	11,700	11,700																																																																																																																																																																																																																																																																																																																																																																																						

Inspection Report (Rough Terrain Crane)



Exterior 360 Walkaround

Exterior 360 Walkaround

Instructions

Take photos of the exterior of the piece of equipment. Capture a full 360 degree walk around and all major components.

Must have shots to capture:

- Front
- 45 degree corner shot of left front
- 45 degree corner shot of right front
- Left side
- Right side
- Rear
- 45 degree corner shot of left rear
- 45 degree corner shot of right rear

Tips for good photos:

- Move the equipment into a open area without any visual distractions or other equipment in the background

Inspection Report (Rough Terrain Crane)

Exterior Walkaround Photos



Inspection Report (Rough Terrain Crane)



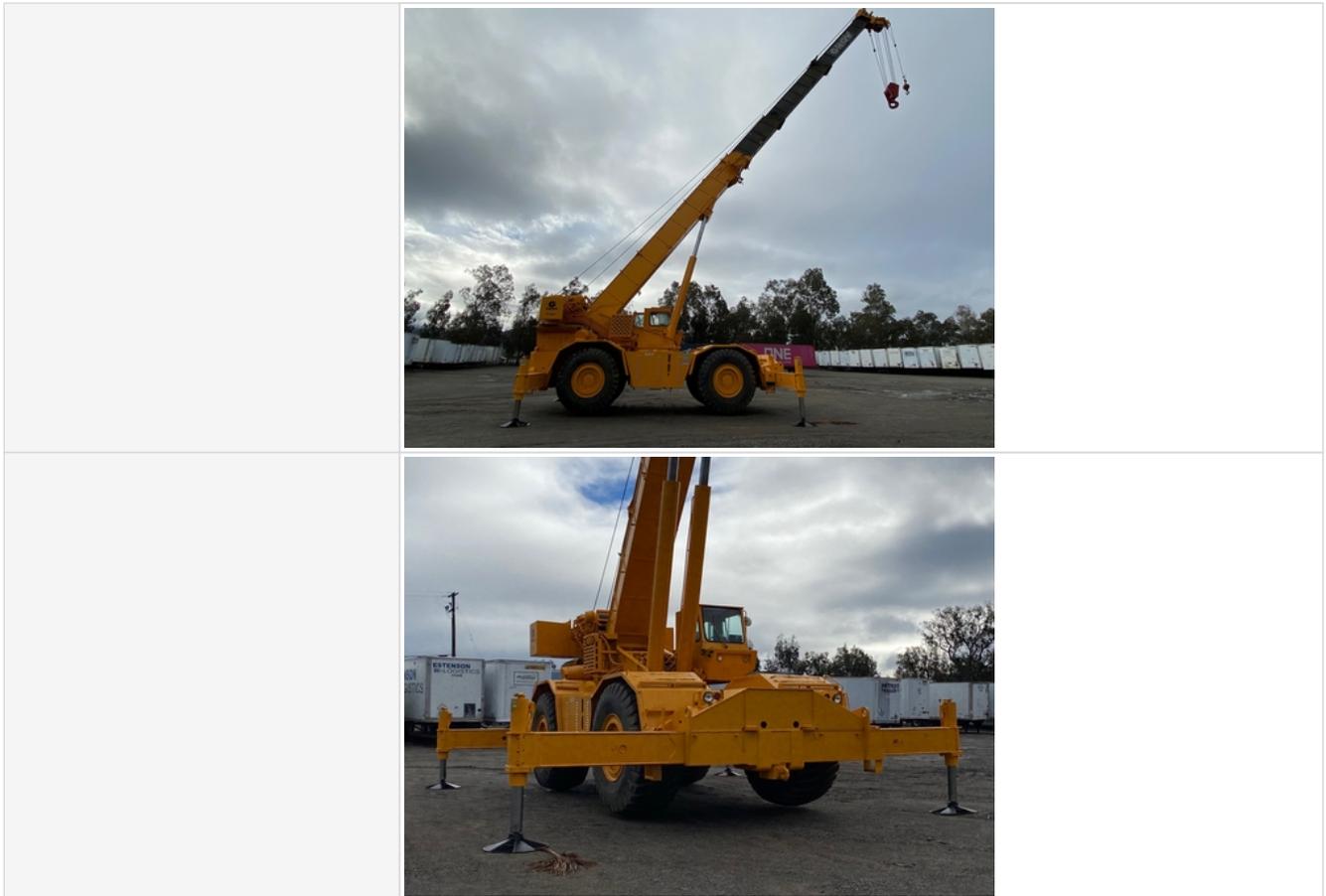
Inspection Report (Rough Terrain Crane)



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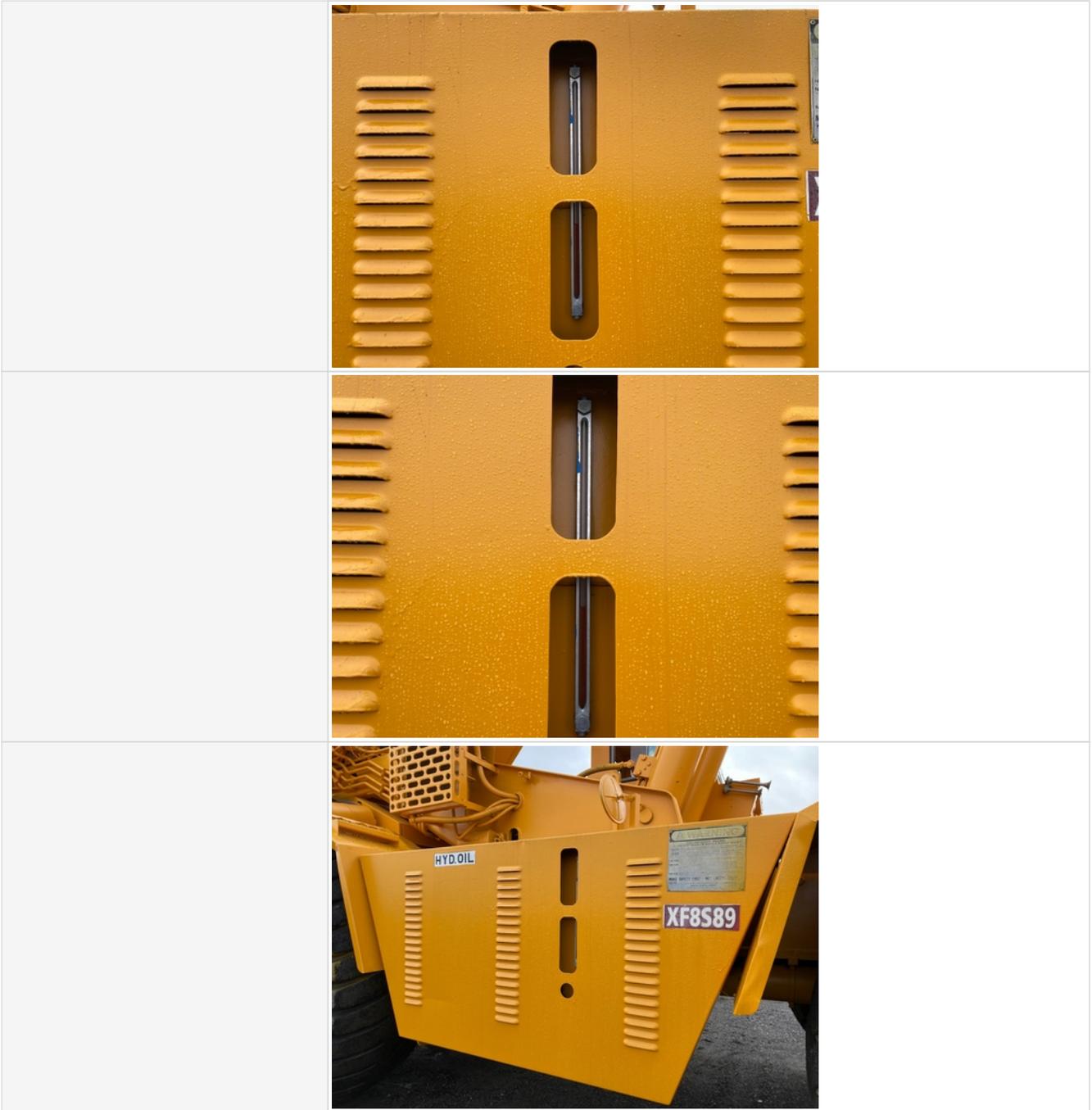


General Appearance Inspection Points

General Appearance

Front	3 - Normal Wear & Tear
Front Condition	No visible damage
Front Photos	

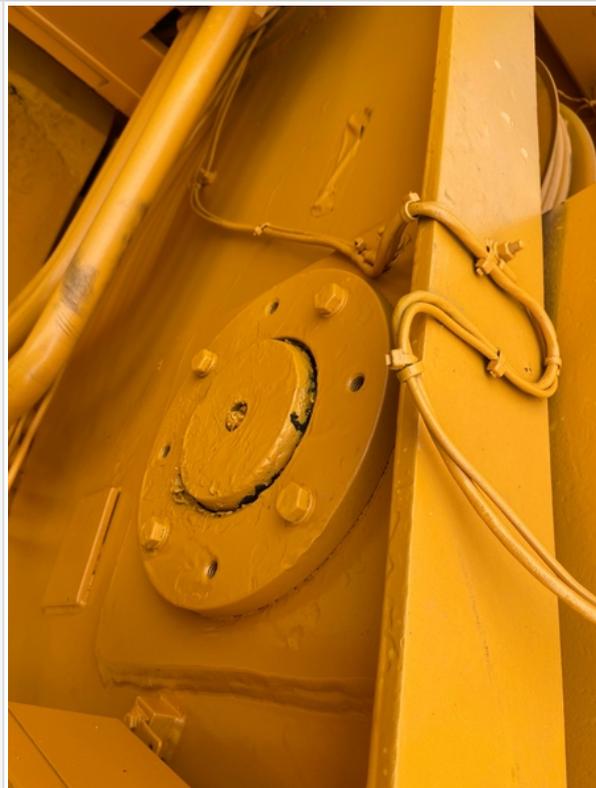
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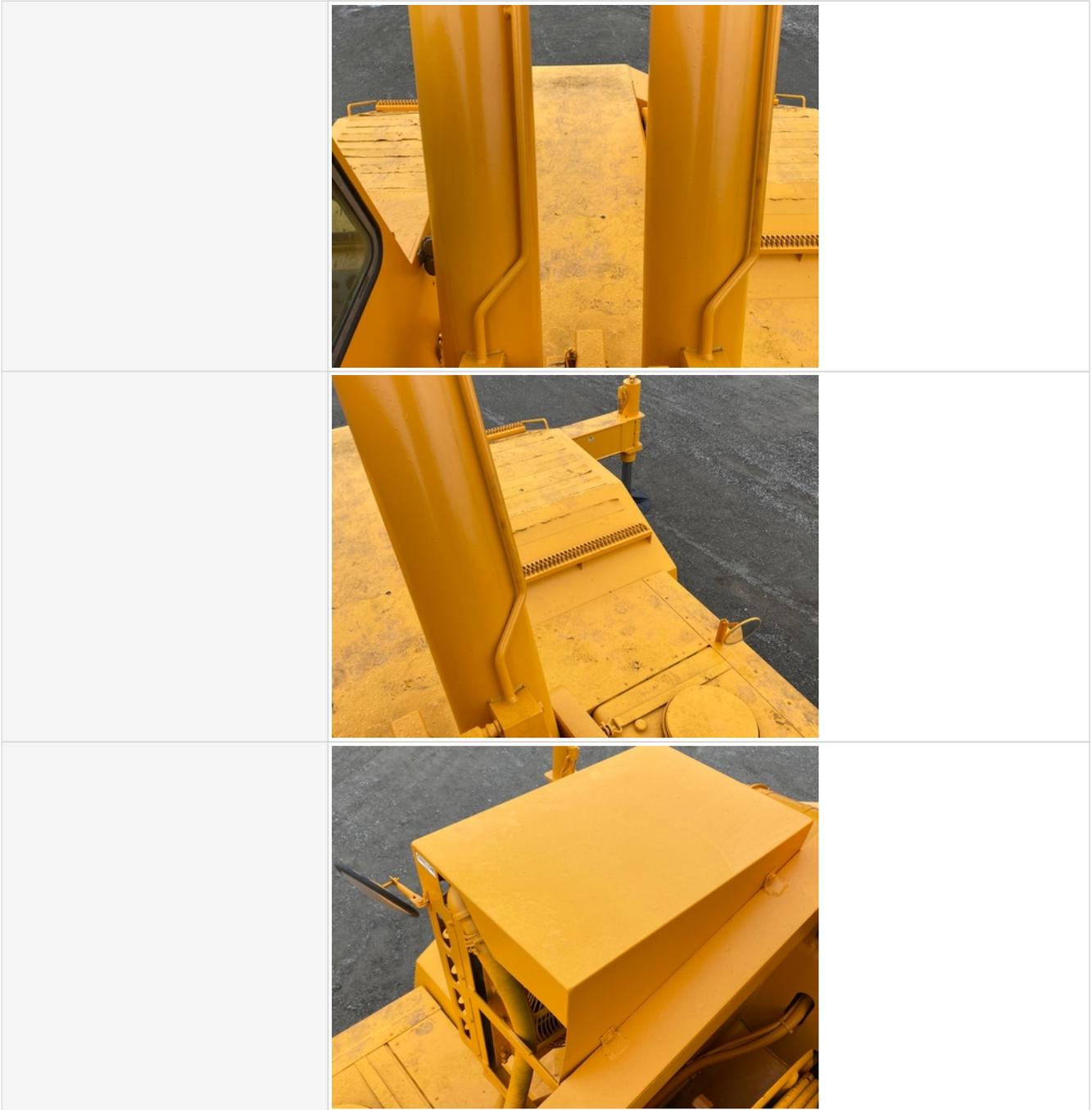
Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

	
Rear	3 - Normal Wear & Tear
Rear Condition	No visible damage
Left	3 - Normal Wear & Tear
Left Condition	No visible damage
Right	3 - Normal Wear & Tear
Right Condition	No visible damage
Upper	3 - Normal Wear & Tear
Upper Condition	Large dents or cracks, No visible damage, Other (see comments)
Comments	Only damage seen near air filter panel
Upper Photos	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

	
	
	
Body Panels (Any Rust Damage?)	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment, Large dents or cracks, Other (see comments)
Comments	Some cosmetic dents seen by air filter panels

Inspection Report (Rough Terrain Crane)

Body Panels Photos	
	
	
Doors / Canopy Latches	2 - Above Average Wear
Doors / Canopy Latches Condition	No visible damage, Intermittent sticking observed on one or more latches/doors, Other (see comments)
Comments	Most latches normal wear and sticking to lock back in place
Steps / Ladders	3 - Normal Wear & Tear
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound
Handrails	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound

Inspection Report (Rough Terrain Crane)

Glass Condition	3 - Normal Wear & Tear
Glass Condition Notes	Glass intact, no visible damage
Mirrors	3 - Normal Wear & Tear
Mirror Condition Notes	Mirrors present and intact, no visible damage
Lighting System	2 - Above Average Wear
Lighting System Condition	One or more exterior lights are non-operational

Control Station Inspection Points

Control Station

Serial Number Plate Photo	 <p>A photograph of a metal serial number plate for a Grove Hydraulic Crane. The plate is mounted on a dark, textured surface. It contains the following text: 'GROVE Hydraulic CRANE', 'MODEL RT-980', 'SERIAL A5308', 'GROVE MANUFACTURING CO.', 'SHADY GROVE, PA.', and 'U.S.A.'.</p>
Operator Cabin Overall	3 - Normal Wear & Tear
Operator Cabin Overall Condition	Good cabin appearance, solid floors, panels, and ceiling, Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling, Other (see comments)
Comments	Normal wear observed but overall in good condition
Operator Cabin Photos	 <p>A photograph showing the interior of the operator's cabin. The view is from the operator's perspective, looking forward. The dashboard features a 'MicroGuard 424' display screen with two digital readouts. Below the screen are several analog gauges and control levers. A steering wheel is visible on the right side. A yellow 'CAUTION' label is visible on the control panel.</p>

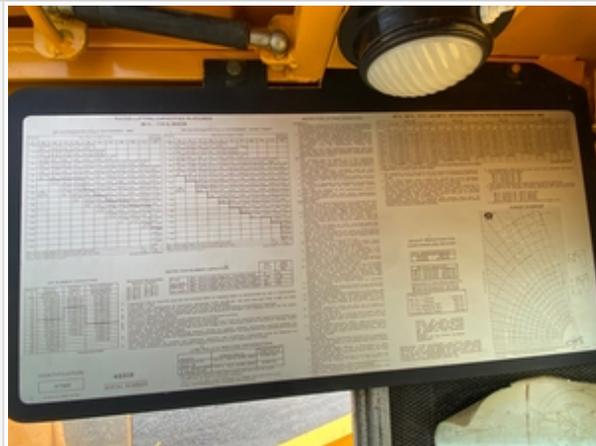
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Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

	
Operator's Seat & Arm Rests	3 - Normal Wear & Tear
Operator's Seat & Arm Rests Condition	Seat(s) in good condition, no stains or tears in upholstery
Seat Belt	3 - Normal Wear & Tear
Seat Belt Condition	Seat belt secures properly. Nicks, cuts, holes, or fraying observed on belt webbing
Cabin Lights	0
Safety Lock Out / Stop	0
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed, One or more switches are inoperative or missing, Other (see comments)
Comments	Most switches operational. LMI inoperable
Hour Meter Activity	2 - Above Average Wear
Hour Meter Condition	Other (see comments), Hour meter is functional, with some minor wear and/or cosmetic damage
Comments	Hour meter may have been replaced, actual hours unknown
Hour Meter Activity Photos	
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	Gauges are functional, with some wear and/or cosmetic damage
Heater & A/C	0
Fans / Vents	0
Travel Alarm	2 - Above Average Wear
Travel Alarm Condition	System is configured but not operating correctly

Inspection Report (Rough Terrain Crane)

Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	0
Fire Extinguisher	0
First Aid Kit	0
Anti Two Block System	2 - Above Average Wear
Comments	Non operational during inspection
Load Movement Indicator (LMI)	2 - Above Average Wear
Comments	Non operational during inspection

Engine Inspection Points

Engine

Engine Type (Make, Model, Cylinders, Hp)	CAT 3306 - 6CYL. - 230HP
Emissions Tier	Tier 0
Engine Serial Number	N/A
Engine Fuel Type	Diesel
Engine Photos	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

		
Blow-by (Visual Observation Check)	Yes	
Comments	Minor blowby seen	
Unusual Noises (Upon Start-up, Idle, Shutdown)	No	
Unusual Noise Notes	No unusual noises heard	
Engine Smoke (Upon Start-up, Idle, Shutdown)	Yes	
Engine Smoke Notes	Engine smoke observed upon start up, Other (see comments)	
Comments	Normal Engine Smoke Observed during startup and under load	
Engine Exhaust Color	Black, Other (see comments)	
Comments	Normal	
Battery	3 - Normal Wear & Tear	
Battery Condition	Like new, recently replaced	
Battery Condition Photos		

Inspection Report (Rough Terrain Crane)

	
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Radiator Photos	
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Belt Photos	
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear

Inspection Report (Rough Terrain Crane)

Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Appropriate oil level, Other (see comments)
Comments	Oil change recommended
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Clean & dry
Overall Engine Comments	Overall engine seemed okay. No major fluid leaks seen.

Drivetrain Inspection Points

Drivetrain

Hydrostatic Transmission?	No
Transmission Info (Make/Model/Speeds)	Powershift 3 speed
Transmission	3 - Normal Wear & Tear
Transmission Condition	No unusual noises or vibrations
Transmission Photos	

Inspection Report (Rough Terrain Crane)

	
Clutch	0
Shift Lever	3 - Normal Wear & Tear
Shift Lever Condition	Good forward and reverse function, Other Comments
Comments	Machine hesitated to move forward (may be associated with voltage drop under 24V)
Foot Brake	3 - Normal Wear & Tear
Foot Brake Condition	Good brake function
Inching Brake	0
Parking Brake	3 - Normal Wear & Tear
Parking Brake Condition	Good brake function
Overall Drivetrain Comments	Overall drivetrain in okay condition. Transmission showed minor hesitation to move forward intermittently.

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Comments	Frame looks solid
Frame Photos	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

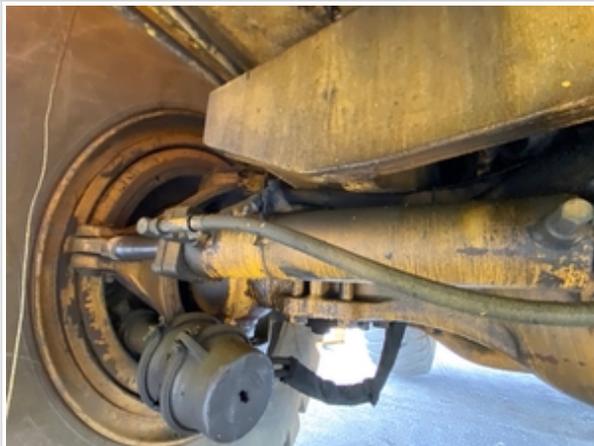
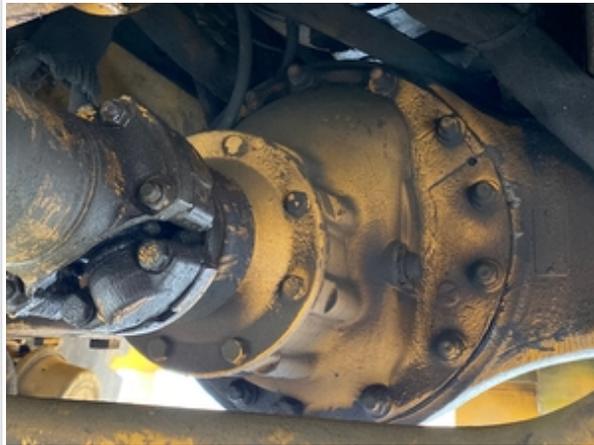
		
		
Stance	3 - Normal Wear & Tear	
Turntable Bearing	3 - Normal Wear & Tear	
Front Axle Appearance	3 - Normal Wear & Tear	
Front Axle Appearance Photos		

Inspection Report (Rough Terrain Crane)

		
		
		
<p>Rear Axle Appearance</p>	<p>3 - Normal Wear & Tear</p>	

Inspection Report (Rough Terrain Crane)

Rear Axle Appearance Photos



Inspection Report (Rough Terrain Crane)

		
		
Tire Brand	N/A	
Tire Size	N/A	
Front Left Tire - Ratio Remaining	30%	
Rear Left Tire - Ratio Remaining	30%	
Front Right Tire - Ratio Remaining	30%	
Front Right Tire Photos		
Rear Right Tire - Ratio Remaining	30%	

Inspection Report (Rough Terrain Crane)

Rear Right Tire Photos	
Outrigger Condition	3 - Normal Wear & Tear
Outrigger Photos	
	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

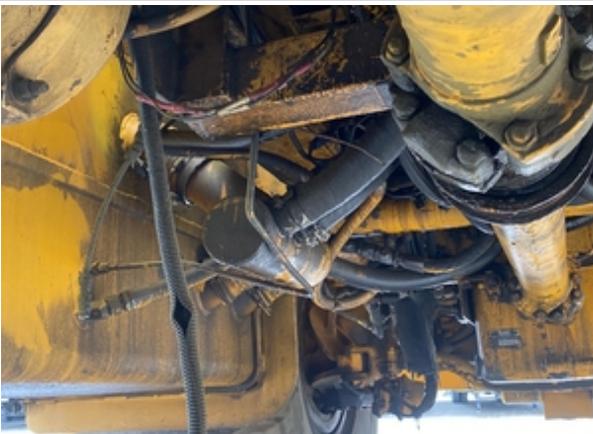
	
	
	
Outrigger Floats/Pads Condition	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Overall, chassis in good condition with no obvious issues seen.

Hydraulics Overall Inspection Points

Hydraulics Overall

Wet or Damp Hydraulic Lines / Fittings	Yes
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Inspection Report (Rough Terrain Crane)

Appearance of Hydraulic Lines / Fittings	2
Hydraulic Lines / Fittings Condition	Twisted, kinked, or flattened hydraulic hoses, Active leaks in hoses or fittings observed, Hydraulic lines & fittings are clean and in good condition, Other (see comments)
Comments	Most hydraulic hoses/lines in good condition. Some twisted and others leaking a bit.
Appearance of Hydraulic Lines / Fittings Photos	
	
	

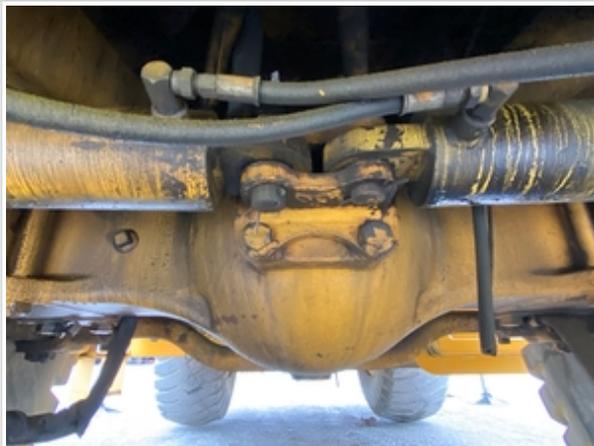
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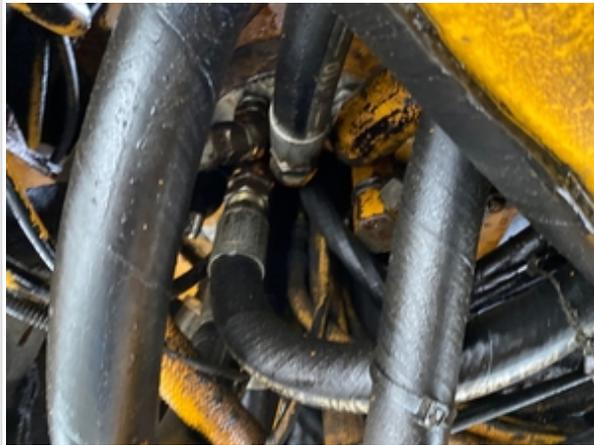
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Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

		
Unusual Noises (Hydraulic Pump)	No	
Hydraulic Pump Notes	No unusual noises heard during operation	
External Controls / Levers	3	
External Controls / Levers Condition	Good function & condition of hydraulic controls	
Main Hoist	3 - Normal Wear & Tear	
Main Hoist Photos		

Inspection Report (Rough Terrain Crane)

		
Auxiliary Hoist	3 - Normal Wear & Tear	
Auxiliary Hoist Photos		
		
Swing Motor	3 - Normal Wear & Tear	

Hydraulics Cylinders Inspection Points

Lift Cylinder(s)	Check the lift cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Lift Cylinder(s): Mounting Pins	3
Lift Cylinder(s): Oil Leaks	Yes
Comments	Minor leakage observed from rod seals

Inspection Report (Rough Terrain Crane)

<p>Lift Cylinder(s) Photos</p>		
		
		

Inspection Report (Rough Terrain Crane)

	
	
	
Telescoping Boom Cylinder(s)	Check the telescoping boom cylinder(s). Note any wear, pitting, discoloration, etc. Take photos.
Telescoping Boom Cylinder(s): Mounting Pins	3
Telescoping Boom Cylinder(s): Oil Leaks	No
Outrigger Cylinders	Check the telescoping boom cylinder(s). Note any wear, pitting, discoloration, etc. Take photos.
Outrigger Cylinders: Mounting Pins	3

Inspection Report (Rough Terrain Crane)

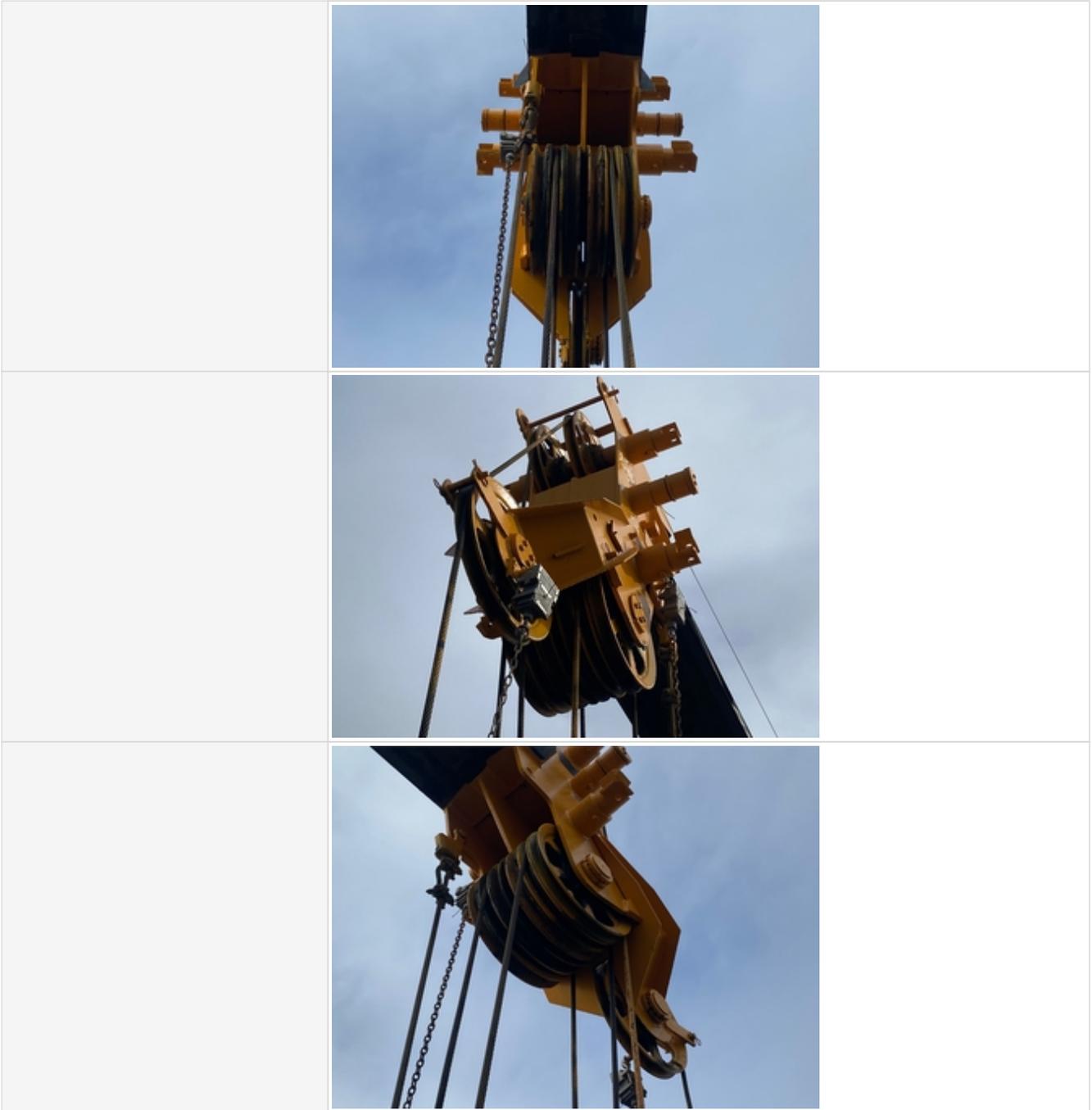
Outrigger Cylinders: Oil Leaks	No
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Crane Specific

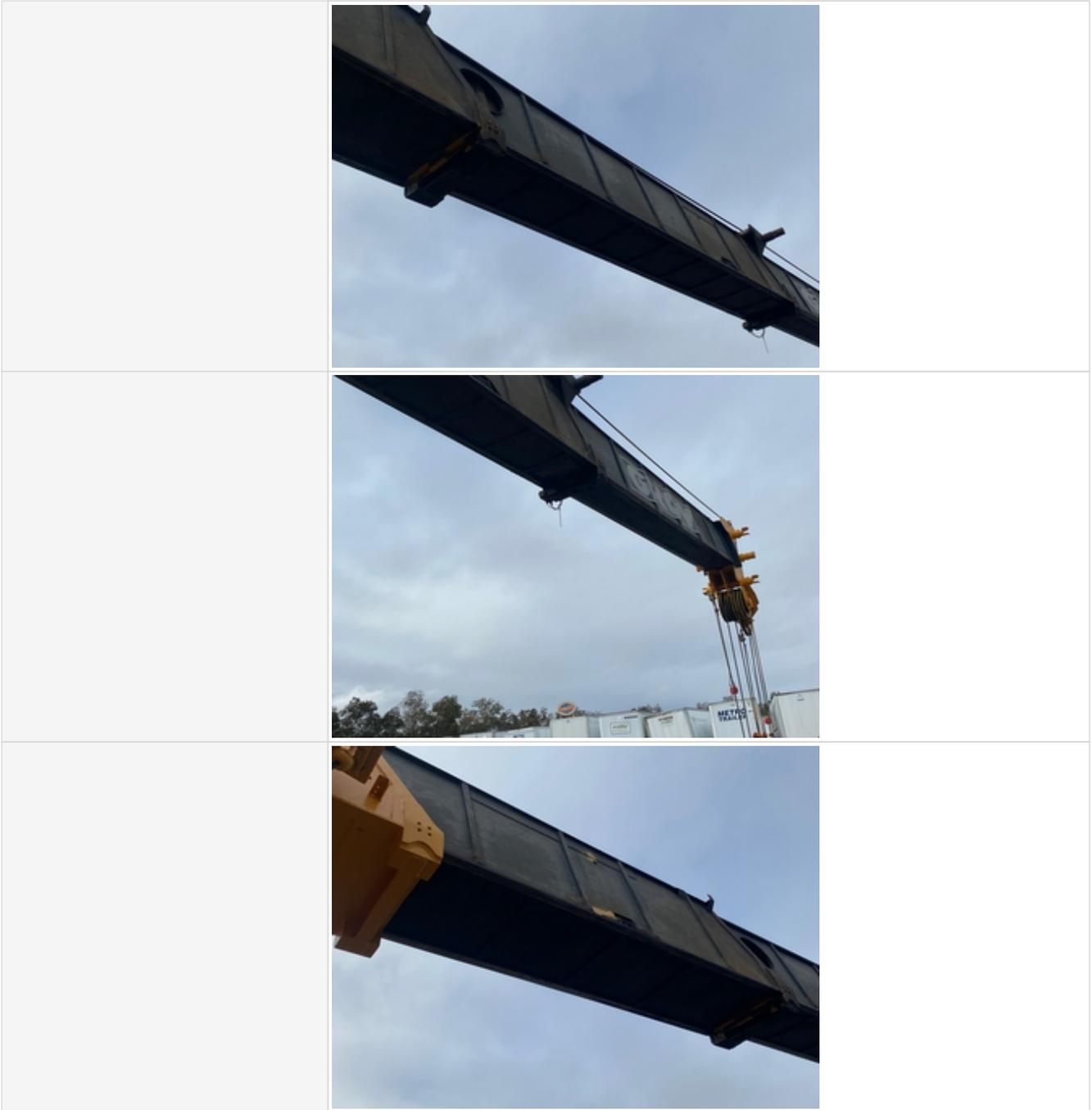
Counterweight	3 - Normal Wear & Tear
Boom Angle Indicator	3 - Normal Wear & Tear
Comments	Electronic unit installed in cab
Main Boom Sections	3 - Normal Wear & Tear

Main Boom Photos	
	
	

Inspection Report (Rough Terrain Crane)



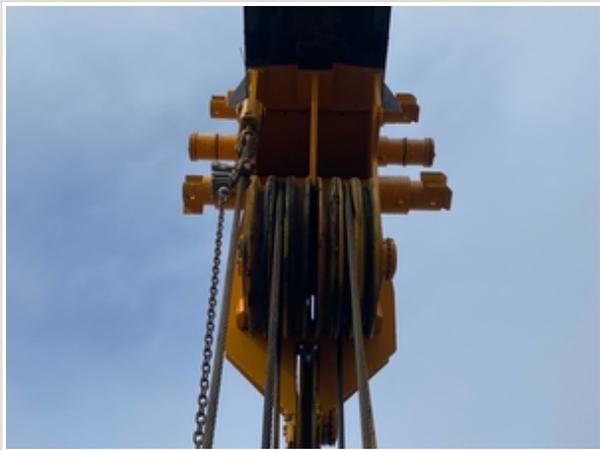
Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

		
		
Main Boom Pins	3 - Normal Wear & Tear	
Boom Head Section	3 - Normal Wear & Tear	
Wear Pads	3 - Normal Wear & Tear	
Jib	0	
Sheaves	3 - Normal Wear & Tear	
Sheave Photos		

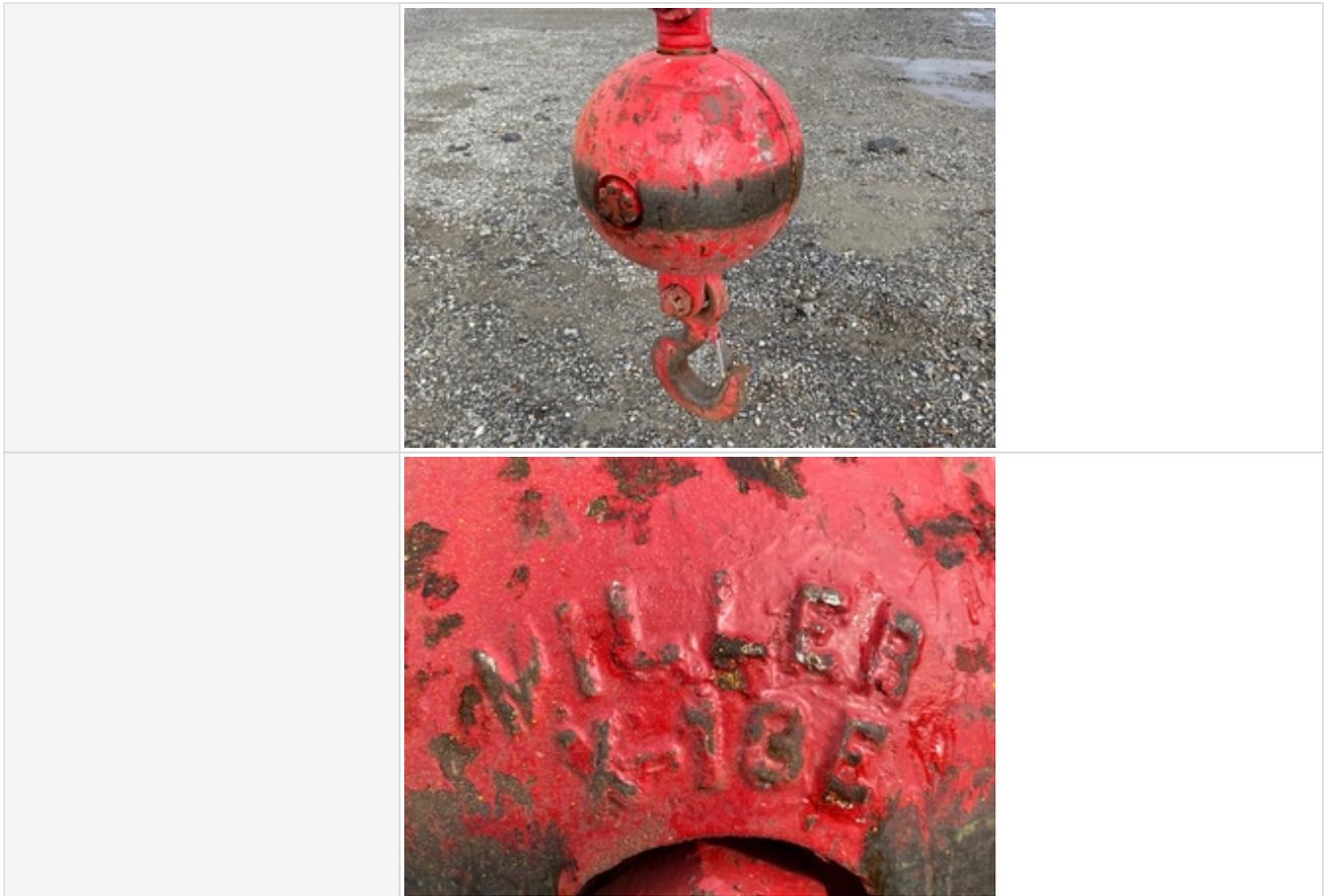
Inspection Report (Rough Terrain Crane)

		
		
<p>Main Load Block</p>	<p>3 - Normal Wear & Tear</p>	
<p>Main Load Block Photos</p>		

Inspection Report (Rough Terrain Crane)

		
		
<p>Overhaul Ball</p>	<p>3 - Normal Wear & Tear</p>	
<p>Overhaul Ball Photos</p>		

Inspection Report (Rough Terrain Crane)



Functional Test

Forward & Reverse	2 - Operable, but Diagnosis Needed
Comments	Hesitation observed (may be low on trans. fluid or low voltage)
Steering (Front Wheel / All Wheel / Crab Steer)	3 - Normal, Operating as Expected
Swing Table Rotation	3 - Normal, Operating as Expected
Outriggers	3 - Normal, Operating as Expected
Boom Lift	3 - Normal, Operating as Expected
Boom Extension / Retraction	3 - Normal, Operating as Expected
Hoist	3 - Normal, Operating as Expected
Overall Functional Test Comments	Overall most functions operating well. Hydraulics work good and no major obvious problems observed.
Operating Video	Click to Download

Overall Assessment

Overall Assessment

Exterior Rating	3
Interior Rating	3

Inspection Report (Rough Terrain Crane)

Safety Rating	3
Quality Rating	3
Functionality Rating	3
Overall Rating	3
What's Great About the Machine	For the most part, machine in good shape. Annual certification good through March, 2023. Quad good through 11/2023. Machines main functions working as expected and no major problems observed. Exterior and interior recently repainted. Both winch cables look to be in good shape on outer layers of drums.
What Needs Work	Alternator charging system inoperable. Both boom lift cylinders slightly leaking oil. Possible misfire heard from engine or could be exhaust leak. Small hydraulic leaks observed throughout machine. Transmission functionality should be checked after alternator charge system repaired due to transmission travel hesitation. Engine initial startup also hesitated to start but may be contributed to low voltage. Two block inoperable. LMI inoperable. Travel alarm inoperable.
Date/Time	01-04-2023