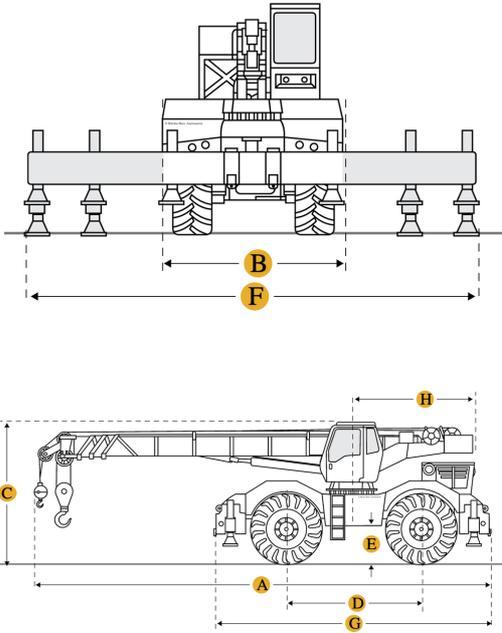


Inspection Report (Rough Terrain Crane)

General Info

Year	1978
Make	Grove
Model	RT518
Serial Number	42259
Hour Meter Reading	910hrs.
Previous Application (e.g., earth moving, mining, demolition, etc)	Yard Crane

Dimensions

Measurement Guide	
A. Length (ft and inches)	33'
B. Width (ft and inches)	8'
C. Height (ft and inches)	10.9'
D. Wheelbase (ft and inches)	10.1'
Operational Weight (lbs)	44,870Lbs.

Features and Configuration

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

Inspection Report (Rough Terrain Crane)

Telematics	No
Load Movement Indicator (LMI)	Yes
Boom Type	Hydraulic Telescoping
Jib?	No
Crane Capacity (tn)	36,000 Lbs.
Max Elevating Angle (degrees)	75 degrees
# Boom Sections	3
Winch System	Single
Outriggers	Yes
OMM (Operator & Maintenance Manual)	No

Exterior 360 Walkaround

Exterior 360 Walkaround

Instructions	<p>Take photos of the exterior of the piece of equipment. Capture a full 360 degree walk around and all major components.</p> <p>Must have shots to capture:</p> <ul style="list-style-type: none"> - 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 <p>Tips for good photos:</p> <ul style="list-style-type: none"> - Move the equipment into a open area without any visual distractions or other equipment in the background
Exterior Walkaround Photos	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



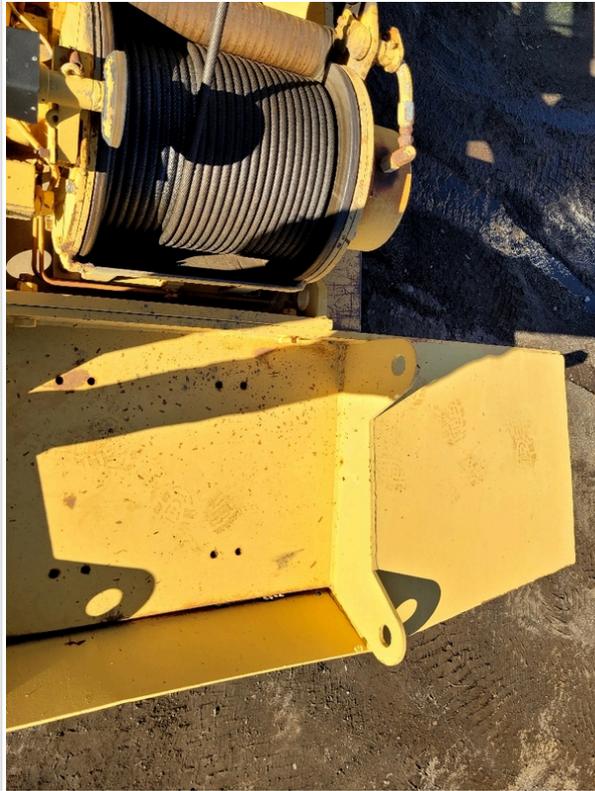
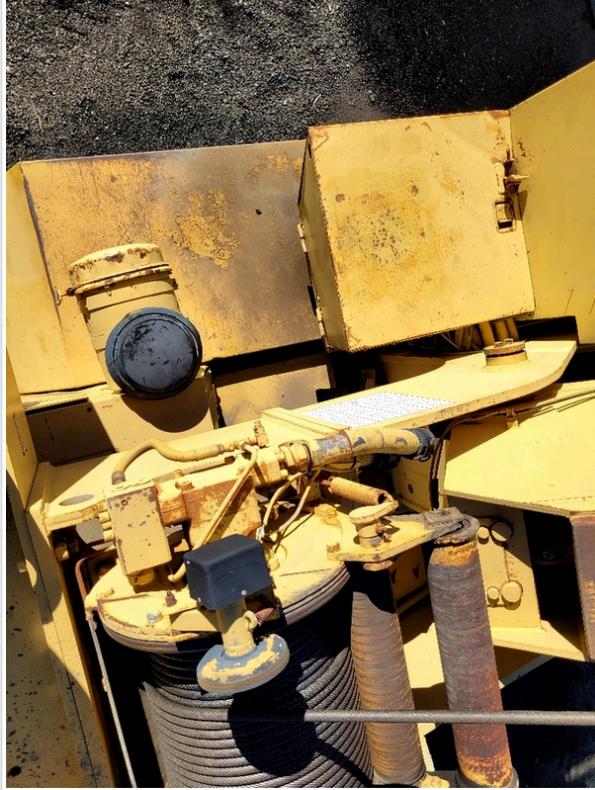
General Appearance Inspection Points

General Appearance

Close-up Exterior 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)



Inspection Report (Rough Terrain Crane)

		
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	No visible damage, good paint condition and panel fitment	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
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	
Glass	2 - Above Average Wear	
Glass Condition	Major chips or cracks observed, Other (see comments)	
Comments	right side cab window cracked	
Glass Condition Photos		
Mirrors	3 - Normal Wear & Tear	
Mirror Condition	Mirrors present and intact, no visible damage	
Exterior Lights	3 - Normal Wear & Tear	
Exterior Lights Condition	No visible damage, lighting system is operational	

Control Station Inspection Points

Inspection Report (Rough Terrain Crane)

Control Station

Control Station	<p>Take close-up photos of operator control station or cab including the floors, panels, headliner, seat, controls & displays, gauges & meters, and interior lights. Note any damage or wear.</p>
Operator Cabin Photos	
	
	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)



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Inspection Report (Rough Terrain Crane)

	
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
Operator Seat	3 - Normal Wear & Tear
Operator Seat Condition	Seat(s) in good condition, no stains or tears in upholstery
Cabin Lights	0
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Hour Meter Activity Photos	

Inspection Report (Rough Terrain Crane)

	
	
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	3 - Normal Wear & Tear
Heater & A/C Condition	Other (see comments)
Comments	heater unit in place (did not test)
Travel Alarm	2 - Above Average Wear
Travel Alarm Condition	Travel alarm is installed and functioning as expected, Other (see comments)
Comments	alarm works but speaker sound not loud
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	0
Anti Two Block System	3 - Normal Wear & Tear
Load Movement Indicator (LMI)	3 - Normal Wear & Tear

Engine Inspection Points

Engine

Engine Type (Make, Model, Cylinders, Hp)	Detroit - 4-53N - 6CYL. - 115HP - 3.5L
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Inspection Report (Rough Terrain Crane)

Emissions Tier	Tier 0
Engine Serial Number	N/A
Engine Fuel Type	Diesel
Engine Photos	
Blow-by (Visual Observation Check)	Yes
Comments	Some blow by seen
Unusual Noises (Upon Start-up, Idle, Shutdown)	No

Inspection Report (Rough Terrain Crane)

Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	Yes
Engine Smoke Notes	Engine smoke observed at idle, Other (see comments)
Comments	Normal engine smoke observed
Engine Exhaust Color	Black
Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections
Battery Condition Photos	
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
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	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No

Inspection Report (Rough Terrain Crane)

Overall Engine Appearance	Clean & dry
Overall Engine Comments	Overall engine running great and is well maintained.

Drivetrain Inspection Points

Drivetrain

Drivetrain	Take close-up photos of the drivetrain components including transmission housing, drive shaft, drive motors, fittings, and hoses. Note any damage or wear.
Drivetrain Photos	
	
	

Inspection Report (Rough Terrain Crane)

		
Hydrostatic Transmission?	No	
Transmission Info (Make/Model/Speeds)	Powershift - 3 Speed	
Transmission	3 - Normal Wear & Tear	
Transmission Condition	No unusual noises or vibrations	
Clutch	0	
Shift Lever	3 - Normal Wear & Tear	
Shift Lever Condition	Good forward and reverse function	
Foot Brake	3 - Normal Wear & Tear	
Inching Brake	0	
Parking Brake	3 - Normal Wear & Tear	
Parking Brake Condition	Good brake function	
Parking Brake Photos		
Overall Drivetrain Comments	Overall Drivetrain in good working condition.	

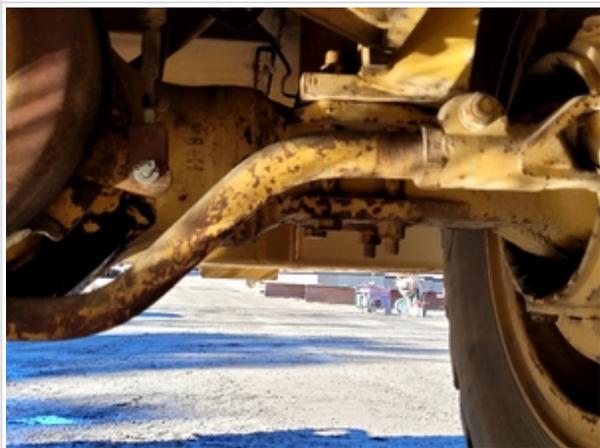
Chassis Inspection Points

Frame	3 - Normal Wear & Tear
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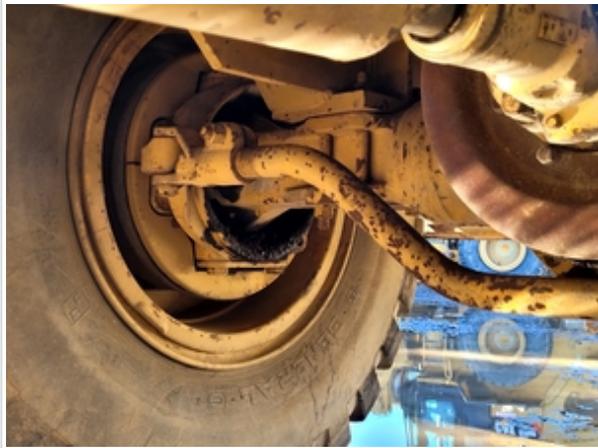
Inspection Report (Rough Terrain Crane)

Frame Photos	
	
	
Stance	3 - Normal Wear & Tear
Turntable Bearing	3 - Normal Wear & Tear

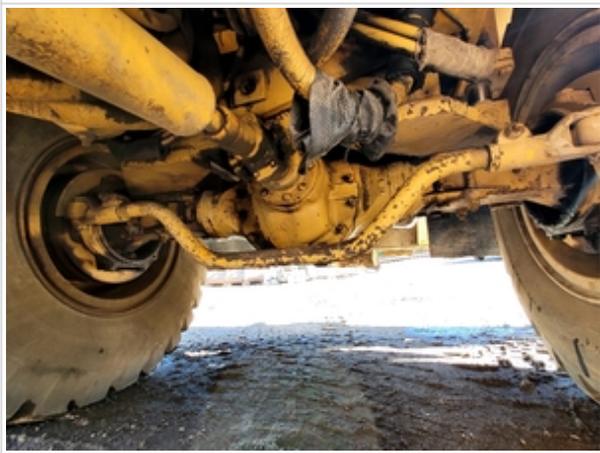
Inspection Report (Rough Terrain Crane)

<p>Turntable Bearing Photos</p>		
		
<p>Front Axle Appearance</p>	<p>3 - Normal Wear & Tear</p>	
<p>Front Axle Appearance Photos</p>		

Inspection Report (Rough Terrain Crane)

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

Inspection Report (Rough Terrain Crane)

		
		
		
Tire Brand	General	
Tire Size	20.5 - 25	
Front Left Tire - Ratio Remaining	50%	

Inspection Report (Rough Terrain Crane)

<p>Front Left Tire Photos</p>	
<p>Rear Left Tire - Ratio Remaining</p>	<p>70%</p>
<p>Rear Left Tire Photos</p>	
<p>Front Right Tire - Ratio Remaining</p>	<p>50%</p>
<p>Front Right Tire Photos</p>	

Inspection Report (Rough Terrain Crane)

		
Rear Right Tire - Ratio Remaining	70%	
Rear Right Tire Photos		
		
Outrigger Condition	3 - Normal Wear & Tear	

Inspection Report (Rough Terrain Crane)

Outrigger Photos



Inspection Report (Rough Terrain Crane)

	
Outrigger Floats/Pads Condition	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Overall chasis in solid condition with no problems or major repairs needed observed.

Hydraulics Overall Inspection Points

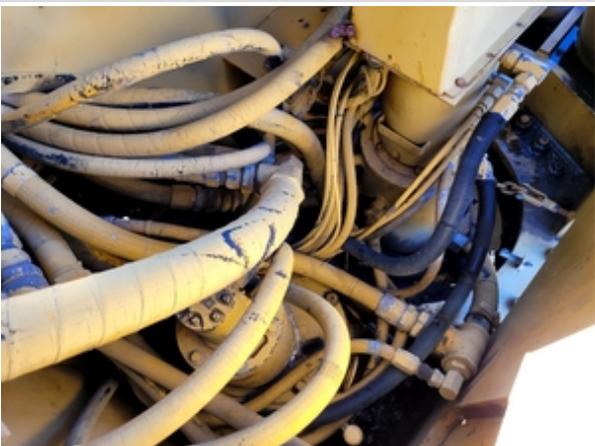
Hydraulics Overall

Hydraulic System	Take close-up photos of the hydraulic components including the pump, lines, fittings, controls, and levers. Note any damage, wear, or leaks.
Hydraulic System Photos	
	

Inspection Report (Rough Terrain Crane)



Inspection Report (Rough Terrain Crane)

	
Wet or Damp Hydraulic Lines / Fittings	No
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Appearance of Hydraulic Lines / Fittings Photos	
	

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 - Normal Wear & Tear	
External Controls / Levers Condition	Good function & condition of hydraulic controls	
External Controls / Levers Photos		
		
Main Hoist	3 - Normal Wear & Tear	

Inspection Report (Rough Terrain Crane)

Main Hoist Photos



Inspection Report (Rough Terrain Crane)

		
Auxiliary Hoist	0	
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	No	
Lift Cylinder(s) Photos		

Inspection Report (Rough Terrain Crane)



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
Outrigger Cylinders: Oil Leaks	No

Crane Specific

Counterweight	3 - Normal Wear & Tear
Boom Angle Indicator	3 - Normal Wear & Tear
Main Boom Sections	3 - Normal Wear & Tear

Inspection Report (Rough Terrain Crane)

Main Boom Photos



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
Fairlead	0
Sheaves	3 - Normal Wear & Tear
Main Load Block	3 - Normal Wear & Tear

Functional Test

Forward & Reverse	3 - Normal, Operating as Expected
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 Machine functions great. Crane fired right up and operated normally with smooth controls. Engine and hydraulics run strong and all main Crane setup and workflow functions operate with no hesitation.

Overall Assessment

Overall Assessment	
Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	3 - Normal, Operating as Expected



Inspection Report (Rough Terrain Crane)

Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	Machine is old but running good as new. All functions work great and Crane is currently certified. All safety features intact and everything from the brakes, winch cable, hydraulics and powertrain solid. Tires have plenty of tread left and no immediate repairs needed to put this Machine to work.
What Needs Work	Back up alarm should be replaced. Cab right side window should be repaired.
Date/Time	01-06-2023