



Angle Drill Rig (Off / On hire Checklist) Comacchio / Hutte Tie back Machines

Date: August 1/24	Index Number:	
Description: INSPECTION		
Model: M6002	S/N:	
Rental: <input type="radio"/>	Sale: <input type="radio"/>	Customer: HCM
Hour Meter: 4306	Last Service: 3957	

DIESEL ENGINE

- Oil Level: Low High Correct Replace Replaced
- Oil Filter: Bad Good Replace Replaced
- Fuel Filter: Bad Good Replace Replaced
- Primary Air Filter: Bad Good Replace Replaced
- Secondary Air Filter: Bad Good Replace Replaced
- Coolant Level: Low High Replace Replaced
- Gauges Oil: Bad Good
- Starter Sound: Bad Good
- V-Belts Tension: Loose Correct Corrected

Cooling Fans & Motors: OK	Fuel Pump Screens:	Exhaust/Scrubber: OK
Fuel Level: In <input type="radio"/> Out <input type="radio"/> 70%	Leaks if any: none visible	Location of Leak:
Coolant Temp:	Battery Volt: 28	Engine Max RPM: 2500
Special Notes: belts cracking / engine sounds weak		

CHARGING SYSTEM

- Battery Acid Level: Low Top Up Replace Replaced
- Battery Cables: Loose Tight

Alternator Output Engine Running: 28
Special Notes: alternator belt cracked / batteries look old / corrosion starting on terminals

UNDERCARRIAGE

- Planetary Oil Level/Condition: Good Low Replace Replaced
- Drive Sprockets: Good Worn
- Track Tension: Low Correct Tight
- Drive Chain Link: Good Damaged Replaced
- Track Side Shift: Working Not Working - **stuck**
- Grousers/Pads Condition: Good Damaged Replaced - **worn**
- Idlers: Good Worn Out Leak Replaced
- Track Pad Bolts & Nuts: Good Loose Replaced
- Travel Speed High/Low: Working Not Working
- Travel Sound: Normal Abnormal
- Stabilizers & Locks: Working Not Working Replaced

Special Notes: possible track site shift leads - wetness around cylinders
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HYDRAULIC CYLINDERS

- Mast Cylinders: Leak Damage Good Replaced
- Stabilizer Cylinders: Leak Damage Good Replaced
- Jaw Cylinders: Leak Damage Good Replaced
- Boom Cylinders: Leak Damage Good Replaced
- Track Cylinders: Leak Damage Good Replaced
- Rotary Cylinders: Leak Damage Good Replaced
- All the Cylinders Speeds & Movements: Good Malfunction Replaced

Special Notes: tracks cylinders leaking / stuck will not retract / jaw cylinders

DRILL MAST/BOOM

- Feed Chain Condition: Good Ceased Replaced - **rusty!**
- Winch Cable Condition: Good Damaged Replaced - **broken dirt**
- Chain Tension: Loose Normal Tight Adjusted
- Chain Idlers: Good Leak Replace
- Jib-sheaves/Pins: Good Bad Replace - **dirts**
- Feed sprocket/Bear: Leak/Worn Good Replace
- Feed Slide Cylinder: Leak Good Replace
- All Hinge/Wear Points: Good Bad Fixed
- Feed Motor Oil Level: Low Good High Replace Replaced
- Carriage Rollers/Wear Strips: Good Worn Replace Replaced
- Winch Oil Level: Low Good High Replace Replaced
- All the mast functions: Working Not working Repaired

Special Notes: - feed motor is wet possible leak - rotary head has wetness possible leak - Auto feed not working correctly

DRILLING UNITS

FRONT ROTARY

- Rotary Head Seals Front & Rear: Good Leak Repaired
- Oil Level: Low High Correct
- Oil Condition: Good Bad Replaced
- Flushing Bell: **Flushing bell not present** Good Bad Replaced
- All Grease Points: **Auto greaser - ok** OK Not OK Replaced
- Hoses/Valves Condition: OK Not OK Replaced
- Wear Pad/Bearings: Good Bad
- Qty of Wear Pad/Bearings needs change: Wear pad Bearing
- Check all the speeds: OK Not OK Gear Not working Repaired
- Rotation sound: Normal Abnormal Repaired

Tools Fitted: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Specify: 2 bearings on head not working / possibly seized
Special Notes:

REAR ROTARY **N/A**

- Rotary Head Seals Front & Rear: Good Leak Replaced
- Oil Level: Low High Correct
- Oil Condition: Good Bad Replaced
- Swivel seal: Good Leak Replaced
- All Grease Points: OK Not OK Replaced
- Hoses/Valves Condition: OK Not OK Replaced
- Wear Pad/Bearings: Good Bad
- Qty of Wear Pad/Bearings needs change: Wear pad Bearing
- Check all the speeds: OK Not OK Gear Not working Repaired
- Rotation sound: Normal Abnormal Repaired
- Check Drifter Function: OK Not OK Replaced
- Check Accumulator Pressure: Low Good Top up Repaired Valve

Tools Fitted: No <input type="radio"/> Yes <input type="radio"/> Specify:
Special Notes:

have slight pitting but ok / minor impact seal leak

HYDRAULIC SYSTEM

Oil Level:	OK <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	Top Up <input type="checkbox"/>
Oil Condition:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Hydraulic Temperature:	OK <input checked="" type="checkbox"/>	Not OK <input type="checkbox"/>	
Return Filters:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input checked="" type="checkbox"/>
Filler Cap:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	
Hammer Filters:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input checked="" type="checkbox"/>
Cooler:	Good <input checked="" type="checkbox"/>	Plugged <input type="checkbox"/>	Cleaned <input type="checkbox"/>
Cooler Fan Blade:	Good <input checked="" type="checkbox"/>	Damaged <input type="checkbox"/>	Replaced <input type="checkbox"/>
Hydraulic Pump Drive:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Hydraulic Leaks:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Replaced <input type="checkbox"/>
Hydraulic Hose & Coup:	Good <input checked="" type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Hydraulic Pump Suction Hose:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Hydraulic Pump Sound:	Normal <input checked="" type="checkbox"/>	Abnormal <input type="checkbox"/>	Fixed <input type="checkbox"/>

Special Notes: Multiple hydraulic leaks visible from hoses - power pack
 - Control valve wet underneath
 - hydraulic system was serviced by them

ELECTRICAL SYSTEM

Light:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Horn:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Emergency Switch:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Back Up Alarm:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Beacon Light:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Radio Remote Control:	Good <input checked="" type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Wired Remote:	Good <input type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Travel Remote:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Remote Battery Charger:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Operator Panel:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Limit Switches:	Good <input checked="" type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Safety Switches:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>

Special Notes: rotary head light switch interlock / not working

FLUSHING SYSTEM

Water Pump: OK	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Flushing Valve: missing	Good <input type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Oil Level: OK	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>
Lube Tank: missing	Good <input type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Sprinkler Gun: missing	Good <input type="checkbox"/>	Bad <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>
Relief Valve: OK visual	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Replaced <input type="checkbox"/>

Special Notes: water pump not working

ACCESSORIES

Fire Extinguisher:	Good <input type="checkbox"/>	Expired <input type="checkbox"/>	Calibrated <input type="checkbox"/>
Extra Hose Bundle:	Good <input type="checkbox"/>	Damaged <input type="checkbox"/>	Missing <input checked="" type="checkbox"/>
Operation Manual:	Present <input type="checkbox"/>	Damaged <input type="checkbox"/>	Missing <input checked="" type="checkbox"/>
Tool Box:	Good <input checked="" type="checkbox"/>	Damaged <input type="checkbox"/>	Missing <input type="checkbox"/>
Remote Box 1:	Good <input checked="" type="checkbox"/>	Damaged <input type="checkbox"/>	Replaced <input type="checkbox"/>
Remote Box 2:	Good <input checked="" type="checkbox"/>	Damaged <input type="checkbox"/>	Replaced <input type="checkbox"/>
Spare Parts Manual:	Present <input type="checkbox"/>	Damaged <input type="checkbox"/>	Missing <input checked="" type="checkbox"/>
Wheel Chokes:	Present <input checked="" type="checkbox"/>	Damaged <input type="checkbox"/>	Missing <input type="checkbox"/>
Tire Pressure:	Good <input checked="" type="checkbox"/>	Low <input type="checkbox"/>	High <input type="checkbox"/>
Lifting Wheel & Mechanism:	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	Repaired <input type="checkbox"/>
Hydraulic Hoses:	Good <input type="checkbox"/>	Damaged <input checked="" type="checkbox"/>	Replaced <input type="checkbox"/>

Special Notes: hoses leaking on power pack lifting mechanism

OTHER TEST AND ADJUSTMENTS

- Valve adjustment knob missing for feed back pressure
 - Strikers for switches missing
 - wired remote missing
 - minor scratches / paint damage over machine
 - hose wraps missing / poor looking to host

- lots of dirt in feed chain

~~ALREADY PRESENT~~
 wired remote not present

PHYSICAL APPEARANCE

Excellent Good Fair
 Cabinet Condition (bent panels) bent roof panels
 Machine Cleaned or Washed unwashed / dirty

Service Technician: Ethan Luckey

Inspected By: Ethan / Luckey