

# Equipment Inspection Form

Type: **Excavator - Crawler**

## General Information

Customer Full Name:	Equipment Name:	Location Description:	Current Postal Code:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Country:	Equipment Application:	Serial Number:	IC Number:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Equipment Category:	Make:	Model:	Year:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Matris Hours:	Inspector Name:	Operating Hours:	Requested Price (in USD):
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments:

## General Configuration

<b>ROPS:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Air Conditioning:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>FOPS:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Auto lube:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>EROPS:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Engine pre-heat:</b> <input type="radio"/> Yes <input type="radio"/> No
<b>Radio:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Rear camera:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Welds:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Original paint:</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Is machine free from cracks/ welds?</b> <input type="radio"/> Yes <input type="radio"/> No	
<b>Hydraulic Options - Hammer Line?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Hydraulic Options - Auxiliary?</b> <input type="radio"/> Yes <input type="radio"/> No		<b>Boom Type:</b> <input type="text"/>	<b>Line Rupture Valve?</b> <input type="radio"/> Yes <input type="radio"/> No	
<b>Other Options:</b> <input type="text"/>	<input type="text"/>		Other: <input type="text"/>	<b>Dipper Type:</b> <input type="text"/>	
<b>Attachments:</b> <input type="text"/>	<b>Engine Configuration Comments</b> <input type="text"/>		<b>Quick Coupler:</b> <input type="text"/>		

## Engine Condition

<b>General Condition:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Exhaust Condition:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Turbo Charger:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>			
<b>Fuel Injection System:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Belts &amp; Pulleys:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Engine Mounts:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>			
<b>Oil pressure</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Oil/ water leakages?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Abnormal smoke?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Abnormal noises?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Water in Oil?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Is oil level ok?</b> <input type="radio"/> Yes <input type="radio"/> No
<b>Overhauled?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Engine power decline when loading?</b> <input type="radio"/> Yes <input type="radio"/> No	<b>Other:</b> <input type="radio"/> Yes <input type="radio"/> No		Comments: <input type="text"/>	

## Electrical Condition

<b>Computer:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Display:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Keys/ Switches:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>
<b>Lamps:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Harnesses:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>	<b>Batteries/ Connections:</b> <input type="radio"/> Good <input type="radio"/> Fair <input type="radio"/> Repair Comments: <input type="text"/>

**Starter:**  
 Good  Fair  Repair  
Comments:

**Alternator:**  
 Good  Fair  Repair  
Comments:

**Back Alarm:**  
 Good  Fair  Repair  
Comments:

**Horn:**  
 Good  Fair  Repair  
Comments:

**Other:**  
 Yes  No  
Comments:

**Warning/ Error messages:**  
 Yes  No

## Transmission Condition

**Performance:**  
 Good  Fair  Repair  
Comments:

**Torque Converter:**  
 Good  Fair  Repair  
Comments:

**Pump:**  
 Good  Fair  Repair  
Comments:

**Case:**  
 Good  Fair  Repair  
Comments:

**Retarder:**  
 Good  Fair  Repair  
Comments:

**Abnormal Noises?**  
 Yes  No  
Comments:

**Leakages?**  
 Yes  No  
Comments:

**Operating test comments:**  
 Yes  No  
Comments:

**Other?**  
 Yes  No  
Comments:

## Axle/ Final Drive Condition

**Differential:**  
 Good  Fair  Repair  
Comments:

**Axle Cradle Bearing:**  
 Good  Fair  Repair  
Comments:

**Wet Disc Brakes:**  
 Good  Fair  Repair  
Comments:

**Steering Pins & Brushes:**  
 Good  Fair  Repair  
Comments:

**Articulated Joint:**  
 Good  Fair  Repair  
Comments:

**Torsion Rods:**  
 Good  Fair  Repair  
Comments:

**All Axles Driving?**  
 Yes  No  
Comments:

**Leakage?**  
 Yes  No  
Comments:

**Abnormal Noises?**  
 Yes  No  
Comments:

**Other?**  
 Yes  No  
Comments:

## Body/ Main Frame Condition

**Body Condition:**  
 Good  Fair  Repair  
Comments:

**Operator Seat:**  
 Yes  No  
Comments:

**Panels/ Doors/ Hatches:**  
 Yes  No  
Comments:

**Frames:**  
 Yes  No  
Comments:

**Engine Hood:**  
 Yes  No  
Comments:

**Mirrors:**  
 Yes  No  
Comments:

**Cab Glass:**  
 Yes  No  
Comments:

**Other?**  
 Yes  No  
Comments:

## Hydraulic Condition

**General Condition:** Good  Fair  Repair

Comments:

**Arm Cylinders:** Good  Fair  Repair

Comments:

**Boom Cylinders:** Good  Fair  Repair

Comments:

**Bucket Cylinders:** Good  Fair  Repair

Comments:

**Tipping Cylinders:** Good  Fair  Repair

Comments:

**Steering Cylinders:** Good  Fair  Repair

Comments:

**Blade Control Cylinders:** Good  Fair  Repair

Comments:

**Pipes/ hoses:** Good  Fair  Repair

Comments:

**Pumps & Motors:** Good  Fair  Repair

Comments:

**Valve Blocks:** Good  Fair  Repair

Comments:

**Tank:** Good  Fair  Repair

Comments:

**Swing Pumps:** Good  Fair  Repair

Comments:

**Dipper Cylinders:** Good  Fair  Repair

Comments:

**Pins & Brushes:** Good  Fair  Repair

Comments:

**Overhauled?** Yes  No

Comments:

**Cylinder Ripper Scar?** Yes  No

Comments:

**Leakages:** Yes  No

Comments:

**Abnormal Noises?** Yes  No

Comments:

**Other?** Yes  No

Comments:

## Cooling System Condition

**Water Pump:** Good  Fair  Repair

Comments:

**Radiator:** Good  Fair  Repair

Comments:

**Oil Cooler:** Good  Fair  Repair

Comments:

**Fan:** Good  Fair  Repair

Comments:

**Fan Drive:** Good  Fair  Repair

Comments:

**Hoses:** Good  Fair  Repair

Comments:

**Oil in Water?** Yes  No

Comments:

**Other?** Yes  No

Comments:

## Brake Condition

**Parking Brake:** Good  Fair  Repair

Comments:

**Pedals:** Good  Fair  Repair

Comments:

**Brakes:** Good  Fair  Repair

Comments:

**Brake Linkage:** Good  Fair  Repair

Comments:

**Compressor:** Good  Fair  Repair

Comments:

**Accumulators:** Good  Fair  Repair

Comments:

**Other?** Yes  No

Comments:

## Undercarriage Configuration

Pins and Brushes Turned?

Left % Remaining:

Right % Remaining:

Undercarriage:

Long Narrow Other

Track Speed:

Track Type:

Idlers - Left mm:

Idlers - Left pct:

Sprocket - Left mm:

Other:

Other:

Idlers - Right mm:

Idlers - Right pct:

Sprocket - Right mm:

Track Width:

Track Rollers:

Track Guards:

Yes No

Sprocket - Left pct:

Shoes - Left mm:

Shoes - Left pct:

Sprocket - Right pct:

Shoes - Right mm:

Shoes - Right pct:

Link - Left mm:

Link - Left pct:

Carrier Roller Front - Left mm:

Link - Right mm:

Link - Right pct:

Carrier Roller Front - Right mm:

Carrier Roller Front - Left pct:

Carrier Roller Rear - Left mm:

Carrier Roller Rear - Left pct:

Carrier Roller Front - Right pct:

Carrier Roller Rear - Right mm:

Carrier Roller Rear - Right pct:

Pins & Brushes Internal - Left mm:

Pins & Brushes Internal - Left pct:

Pins & Brushes External - Left mm:

Pins & Brushes Internal - Right mm:

Pins & Brushes Internal - Right pct:

Pins & Brushes External - Right mm:

Pins & Brushes External - Left pct:

Pins & Brushes External - Right pct:

Undercarriage Overall Condition:

- 5 - Excellent  
 4  
 3  
 2  
 1 - Poor

Crawler Excavator Undercarriage Comments:

## Overall Condition

Overall Condition:

- 5 - Excellent  
 4  
 3  
 2  
 1 - Poor

Summary: