



Albatross Equipment Earthworks
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Inspection Checklist for 2018 BOBCAT S770

Equipment Details

- Make & Model: 2018 BOBCAT S770
- Machine Hours: 1,693
- Condition: Good Condition



Structural and Mechanical Components

- **Loader Arms:**
 - - Inspected for cracks, bends, or excessive wear.
 - - Verified alignment during operation-no abnormalities detected.
- **Bucket and Quick Attach System:**
 - - Bucket is new (Bobcat OEM 74" GP)-checked for secure fit and no defects.
 - - Hydraulic SSL Quick Attach mechanism operates smoothly without delays.
- **Chassis and Frame:**
 - - No visible damage, cracks, or signs of welding.
 - - Overall frame shows no rust or structural issues.

Engine and Powertrain

- **Engine (92 HP Doosan Diesel):**
 - - Engine starts easily, with no unusual noises or vibrations.
 - - No visible leaks from seals, hoses, or the engine compartment.
 - - Engine belts and pulleys in good condition with no signs of wear.
- **Exhaust System:**

- - No smoke during operation (checked cold and warm starts).
 - - Exhaust system clean and functional-no loose parts or corrosion.
 - **Powertrain:**
 - - Transmission operates smoothly with no hesitation or lag.
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Hydraulic System

- **Hydraulic Hoses and Fittings:**
 - - All hoses inspected for wear, cracks, or leaks-no issues detected.
 - - High Flow Auxiliary Hydraulics are operational and hold consistent pressure.
 - **Hydraulic Fluids:**
 - - Fluid levels checked and topped up-within the recommended range.
 - - No contamination or discoloration of hydraulic fluids.
 - **Hydraulic Cylinders:**
 - - Inspected for leaks, dents, or unusual wear-operating as intended.
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Cab and Controls

- **Operator Environment (EROPS):**
 - - Cab interior is clean, with no broken or cracked glass.
 - - Heat and air conditioning systems are functional and effective.
 - - All safety features (e.g., seatbelt, door latches) are in place and operational.
 - **Controls:**
 - - Hand and foot controls are responsive and free from excessive wear.
 - - Gauges and warning lights on the instrument panel function correctly.
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Tires and Undercarriage

- **Tires (12-16.5):**
 - - Tires exhibit uniform wear with 80% tread remaining.
 - - No visible cuts, punctures, or bulges.
 - **Wheel Alignment:**
 - - Wheels rotate freely and evenly-no wobbling or alignment issues detected.
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Electrical System

- **Battery and Connections:**
 - - Battery terminals clean and securely attached.
 - - Battery charge holds consistently under load.
 - **Lights and Electrical Components:**
 - - All lights (work lights, indicators) are operational.
 - - No faults detected in the electrical system during diagnostic tests.
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Operational Performance

- **Lifting and Operating Capacity:**
 - - Lift arms and bucket tested under load-no loss of power or stability.
 - - Machine operates smoothly without excessive vibration or noise.
 - **Braking and Steering:**
 - - Brakes responsive and consistent under load and incline tests.
 - - Steering system checked for precision and no resistance.
 - **Cooling System:**
 - - Radiator clean and free from debris.
 - - Coolant levels checked-no leaks or overheating during operation.
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Inspection Summary

This 2018 BOBCAT S770 is in **good condition**, with all major systems and components inspected and functioning as intended. Minor wear consistent with machine hours is present but does not affect operational performance. No immediate repairs are required.