



Albatross Equipment Earthworks
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Inspection Checklist for 2018 Caterpillar 906M



Inspection Checklist

Engine and Powertrain

- - Engine Oil: Oil level checked—fluid is within the recommended range, clean, and no leaks detected.
- - Coolant Level: Coolant reservoir inspected—fluid level adequate, no contamination or leaks present.
- - Air Filter: Air filter inspected—filter is clean and in good condition, no replacement needed.
- - Fuel System: Fuel lines and filters checked—no leaks or clogs found, system operating normally.
- - Exhaust System: Inspected for leaks or damage—system in good condition, no issues noted.
- - Transmission: High-speed transmission tested—smooth shifting in both speeds, no performance issues detected.

Hydraulic System

- - Hydraulic Fluid: Fluid level checked—within normal range, no contamination or leaks detected.
- - Auxiliary Hydraulics: Auxiliary connections tested—all ports functional, no leaks or pressure loss.
- - Hoses and Fittings: Inspected for wear or damage—no cracks, leaks, or deterioration noted.
- - Pump Performance: Hydraulic pump tested—operating within normal pressure parameters, no noise or performance issues.

Loader Arms and Bucket

- - Loader Arms: Inspected for structural integrity—no cracks, deformations, or signs of excessive wear.
- - Pins and Bushings: Checked for excessive play—minor wear noted, still within acceptable operational limits.
- - Bucket: 1.5-yard bucket inspected—30% wear noted on cutting edge, still operational, no cracks or significant damage.
- - Quick Attach System: Hydraulic quick attach tested—functioning properly, no issues with locking or attachment.

Tires and Suspension

- - Tire Condition: Tread depth measured—front tires at 70% remaining, rear tires at 65%, no sidewall damage.
- - Ride Control: System tested during operation—provides smooth handling, no issues detected.

Electrical System

- - Battery: Battery terminals checked—securely attached, no corrosion, voltage tested within range.
- - Lights: Headlights, work lights, and indicators tested—all functional.
- - Control Panel: Digital display and controls checked—fully operational, no error codes or warnings present.

Cab and Operator Comfort

- - Cab Condition: Interior clean and intact, no broken components.
- - Operator Seat: Seat inspected—cushioning intact, adjustments functional.
- - Air Conditioning and Heat: HVAC system tested—both A/C and heat operating effectively.
- - Visibility: Windows and mirrors inspected—no cracks or impairments to visibility.

Brakes and Steering

- - Service Brakes: Braking system tested—responsive, no unusual noise or lag.
- - Parking Brake: Parking brake tested—holds securely, no adjustments required.
- - Steering System: Inspected and tested—responsive, no excessive play or issues.

Summary of Findings

The 2018 Caterpillar 906M Wheel Loader is in Good Condition, with minor wear consistent with hours of use. All systems are operational, and no major issues were detected during the inspection. Recommended maintenance includes monitoring wear on the bucket's cutting edge and continued regular servicing to maintain optimal performance.

