SMITMA
HEAVY EQUIPMENT

**INSPECTION REPORT**

# CATERPILLAR 962H

**Very nice and complete Caterpillar 962H, Ready to work!**



## Specifications

| | |
|---|---|
| **Year** | 2010 |
| **Hours** | 8916 |
| **Weight** | 22150 kg |
| **Serial number** | CAT0962HAN4A02089 |
| **Reference** | 180604 |

## Features

| | |
|---|---|
| **Engine and model** | Caterpillar C7, |
| **Engine power** | 157kW, |
| **CE** | ✓ |
| **Emission level** | EU stage IIIA, |
| **Erops cabin** | ✓ |
| **Tyre size** | 23.5 R25 Michelin XHA2 tyres 60% good, |
| **Bucket** | GP bucket with teeth |
| **Width of the bucket** | 3.00m, |
| **Steering** | Complete steering wheel |
| **Ride control** | ✓ |
| **Autoshift** | ✓ |
| **Central lubrication** | true |
| **Beacon** | ✓ |
| **Hours** | Hours certified by Caterpillar |
| **Overall condition** | In very good and very clean condition. |

## General Appearance

| | |
|---|---|
| Stamped serial number checked | Yes |
| Serial number plate checked | Yes |
| Paint | ★★★☆☆ |
| Decals | ★★★☆☆ |
| Bonnet | ★★★★☆ |
| Chassis | ★★★★☆ |
| Steps/ladders | ★★★★☆ |
| Grab irons | ★★★★☆ |
| Cabin | ★★★★☆ |

## Engine Details And Condition

| | |
|---|---|
| Engine number | KHX23215 |
| Arrangement number | 338-9078 |
| Air cleaner | Clean |
| Anti-freeze level °C | - 35 |
| Diesel anti-freeze added | Yes |
| Diesel level ok | Yes |
| Cooling liquid level ok | Yes |
| Engine oil level ok | Yes |
| Exhaust manifold | ★★★☆☆ |
| Muffler | ★★★☆☆ |
| Exhaust stack | ★★★☆☆ |
| Engine supports | ★★★☆☆ |
| Hoses | ★★★☆☆ |
| Good cold start | Yes |
| Engine power | ★★★★☆ |
| Blow by | ★★★★☆ |
| Knocking | No |
| Compression in the radiator | No |
| Water in the oil | No |
| Oil in the water | No |
| Smoke | Normal |
| Engine leaks | No |
| Belts and pulleys | ★★★☆☆ |
| Fan | ★★★☆☆ |
| Radiator | ★★★☆☆ |

## Operator Station

| | |
|---|---|
| Hourmeter | Working, hours certified by Caterpillar |
| Air conditioning | Working |
| Heater | Working |
| Gauges | Working |
| Switches | ★★★★☆ |
| Display | ★★★★☆ |
| Warning | No warnings available |
| Mirrors | Small crack no need to repair |
| Cabin glass | Small crack no need to repair |
| Windshield wipers | Working |
| Interior lights | Working |
| Cabin floor | ★★★★☆ |
| Interior roof | ★★★★☆ |
| Seat | ★★★★☆ |

## Bucket

| | |
|---|---|
| Overall condition of the bucket | ★★★★☆ |
| Bottom | ★★★★☆ |
| Sides | ★★★★☆ |
| Teeth | ★★★☆☆ |

## Frame

| | |
|---|---|
| Play articulation point | ★★★☆☆ |
| Play loading frame | ★★★☆☆ |
| Play bucket pins | ★★★☆☆ |
| Crack or welds | No |

## Hydraulics

| | |
|---|---|
| Hydraulic oil level ok | Yes |
| Hydraulic lines and fittings | ★★★☆☆ |
| Hydraulic tank/sight glass and cap | ★★★★☆ |
| Hydraulic valves leaking | No |
| Noise hydraulic pump normal | Yes |
| Operating condition hydraulics | ★★★★☆ |

## Brake

| | |
|---|---|
| Brakelines | ★★★★☆ |
| Service brake operation | ★★★★☆ |
| Parking brake operation | ★★★★☆ |
| Compressor | ★★★★☆ |

## Drive Train/ Transmission

| | |
|---|---|
| Transmission fully operational in all gears forward and reverse | Yes |
| Transmission oil level ok | Yes |
| Transmission noisy | No |
| Oil level front axle ok | Yes |
| Oil level rear axle ok | Yes |
| Drivetrain leaks | No |

## Electrical, Starting And Charging System

| | |
|---|---|
| Alternator functioning | Yes |
| Wiring | ★★★☆☆ |
| Batteries | ★★★☆☆ |
| Starter | ★★★☆☆ |
| Cabin lights working | Yes |
| Tail lights working | Yes |

## Safety Items

| | |
|---|---|
| Backup alarm | Working |
| Seat belt | Available |
| Horn | Working |
| Beacon | Working |

## Tyres

### Front Left

| | |
|---|---|
| Tread dept in mm | 23mm |
| Percentage life remaining | 64% |
| Retreaded | No |

### Rear Left

| | |
|---|---|
| Tread dept in mm | 19mm |
| Percentage life remaining | 53% |
| Retreaded | No |

### Rear Right

| | |
|---|---|
| Tread dept in mm | 20mm |
| Percentage life remaining | 56% |
| Retreaded | No |

### Front Right

| | |
|---|---|
| Tread dept in mm | 22mm |
| Percentage life remaining | 61% |
| Retreaded | No |

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