

INSPECTION REPORT

CATERPILLAR M315F

The Caterpillar M315F is a high-performance wheel excavator, designed to meet the demands of modern construction projects. Equipped with a robust Caterpillar C4.4 engine, delivering 117 kW of power, and compliant with Stage IV emissions standards, this machine ensures both efficiency and environmental responsibility. Key features include air conditioning, central lubrication, a backup camera, and hydraulic quick release. The M315F is piped for hammer, shear, and clamp applications, and it boasts a burst valve on the lift and V/A cylinder. With a weight of 17,500 kg and dimensions of 8.20 x 2.55 x 3.27 m, it provides stability and power, making it ideal for various tasks. Certified hours and impeccable maintenance record ensure reliability.



Specifications

| | |
|---------------|-------------------|
| Year | 2017 |
| Hours | 10044 |
| Weight | 17.500 kg |
| Serial number | CATM315FPF4D00233 |
| Reference | 211511 |

Features

| | |
|--------------------|--|
| Engine brand | Caterpillar |
| Engine Model | C4.4 |
| Engine power in kW | 117kW |
| Emission level | Stage IV |
| EPA | ✓ |
| CE | ✓ |
| Air conditioning | ✓ |
| Tyre size | 445/70R19,5 |
| Boom | V/A boom |
| Piped | Piped for hammer, shear and clamp |
| Burst valve | Burst valve on lift and V/A cylinder |
| Hours | Hours certified by Caterpillar |
| Overall condition | In very good and very clean condition. |

Documents

| | |
|------------------|-----------------------|
| CE document | ✓ |
| CE document | CE document available |
| Parts book | ✓ |
| Operation manual | ✓ |

General Appearance

| | |
|--------------------|-------|
| Paint | ★★★★★ |
| Body work | ★★★★★ |
| Decals | ★★★★★ |
| Bonnet | ★★★★★ |
| Engine cover doors | ★★★★★ |
| Chassis | ★★★★★ |
| Counter weight | ★★★★★ |
| Toolbox | ★★★★★ |
| Steps/ladders | ★★★★★ |
| Grab irons | ★★★★★ |
| Cabin | ★★★★★ |
| Transmission guard | ★★★★★ |
| Pre-cleaner bowl | ★★★★★ |
| Cracks or welds | No |

Engine Details And Condition

| | |
|-----------------------------|----------|
| Engine number | W7N20137 |
| Arrangement number | 484-7291 |
| EPA sticker available | Yes |
| Air cleaner | New |
| Anti-freeze level °C | -21°C |
| 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 | ★★★★★ |

Safety Items

| | |
|---------------|-----------|
| Backup camera | Working |
| Seat belt | Available |
| Horn | Working |

Operator Station

| | |
|-------------------|-----------------------|
| Hourmeter | Working |
| Air conditioning | Working |
| Heater | Working |
| Gauges | Working |
| Switches | ★★★★★ |
| Display | ★★★★★ |
| Warning | No warnings available |
| Mirrors | Not broken |
| Cabin glass | Not broken |
| Windshield wipers | Working |
| Interior lights | Working |
| Cabin floor | ★★★★★ |
| Interior roof | ★★★★★ |
| Seat | ★★★★★ |

Hydraulics

| | |
|------------------------------------|-------|
| Hydraulic oil level ok | Yes |
| Hydraulic lines and fittings | ★★★★★ |
| Hydraulic tank/sight glass and cap | ★★★★★ |
| Oil level left final drive ok | Yes |
| Left final drive leaking | No |
| Oil level right final drive ok | Yes |
| Right final drive leaking | No |
| Hydraulic valves leaking | No |
| Noise hydraulic pump normal | Yes |
| Operating condition hydraulics | ★★★★★ |

Boom And Stick

| | |
|-------------------------|-------|
| Play lift cylinder | ★★★★★ |
| Lift cylinders leaking | No |
| Play V/A boom pins | ★★★★★ |
| Play V/A cylinder | ★★★★★ |
| V/A cylinder leaking | No |
| Play stick cylinder | ★★★★★ |
| Stick cylinder leaking | No |
| Play stick pen | ★★★★★ |
| Play bucket cylinder | ★★★★★ |
| Bucket cylinder leaking | No |
| Play bucket link | ★★★★★ |
| Condition V/A boom | ★★★★★ |
| Condition stick | ★★★★★ |

Swing Circle

| | |
|---------------------------|-------|
| Play on the swing bearing | ★★★★★ |
| Swing gear | ★★★★★ |
| Swing drive oil level ok | Yes |
| Swing drive leaking | No |
| Swing brake operating | Yes |
| Swing noise normal | Yes |
| Hydraulic swivel leaking | No |
| Operating condition | ★★★★★ |

Electrical, Starting And Charging System

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

Tyres

Front Left

| | |
|---------------------------|------|
| Tread dept in mm | 10mm |
| Percentage life remaining | 50% |
| Retreaded | No |

Rear Left

| | |
|---------------------------|------|
| Tread dept in mm | 10mm |
| Percentage life remaining | 50% |
| Retreaded | No |

Rear Right

| | |
|---------------------------|------|
| Tread dept in mm | 10mm |
| Percentage life remaining | 50% |
| Retreaded | No |

Front Right

| | |
|---------------------------|------|
| Tread dept in mm | 10mm |
| Percentage life remaining | 50% |
| Retreaded | No |



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