

# PLANT & EQUIPMENT

## Inspection report – 2015 Doosan DL420A

Serial No: DWGCWLBBVF1010800 | Location: Dubai, United Arab Emirates | SKU: 1172

### Key Features & Condition

|                                      |     |
|--------------------------------------|-----|
| Safety Certification Label           | N/A |
| Automatic Lubrication System         | N/A |
| Auxiliary Hydraulic Valve            | N/A |
| Equipment Parts Manual               | N/A |
| Air Conditioning System              | N/A |
| Hydrostatic Drive System (Hydrostat) | N/A |
| Supplemental Steering System         | N/A |
| Operator's Manual                    | N/A |
| Emission Compliance Label            | N/A |
| Quick Attachment Coupler             | N/A |
| Load Weighing System                 | N/A |
| Horn Function                        | N/A |

### Operator Cabin Details

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| Seat and Arm Support              | Ok, need upholstery                                |
| Cab Doors & covers                | Ok, need minor maintenance                         |
| Controls, Levers                  | Functional, minor leak                             |
| Windows and Mirrors               | Ok, right window lock need change                  |
| Dashboard Screen, Gauges          | Ok, oil temperature,rpm,fuel gauges not functional |
| Warning alarms message            | Ok                                                 |
| Washer, Wipers                    | Not functional                                     |
| Air Conditioning & Heating System | Not functional                                     |
| Cab Floor Covering                | Ok                                                 |
| Cab Structure                     | Ok                                                 |
| Electrical System                 | Need minor service, manual switch-off              |

### Engine & Performance

|                     |            |
|---------------------|------------|
| Fuel Injection Type | Mechanical |
|---------------------|------------|



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|                          |                 |
|--------------------------|-----------------|
| Engine Model             | DOOSAN DE12TIS  |
| Engine Cooling System    | Ok              |
| Engine Oil Check         | Ok              |
| Blowby                   | Normal          |
| Exhaust System & Muffler | Ok              |
| Belts & Air/Oil Filters  | Ok, need change |
| Smoke                    | Normal          |
| Coolant                  | Ok              |
| Fluid Leaks              | Ok              |
| Power                    | Ok              |

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## Exterior Condition & Visual Inspection

|                            |                    |
|----------------------------|--------------------|
| Main Frame and Lift Arm    | Ok                 |
| Engine Hood                | Ok                 |
| Access Steps and Handrails | Ok                 |
| Exterior Paint Condition   | Ok, repainted      |
| Counterweight Condition    | Ok                 |
| Wheel Fenders              | Ok                 |
| Lights Check               | N/A                |
| Battery Check              | Need change        |
| Covers                     | Need minor service |

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## Power Train Inspection

|                           |                                    |
|---------------------------|------------------------------------|
| Axles and Differentials   | Ok                                 |
| Transmission Gearbox      | Ok, only first gear doesn't change |
| Power Train force         | Ok                                 |
| Transmission Noise Check  | Ok                                 |
| Universal Joint Condition | Semi auto                          |
| Transfer Gear Type        | -                                  |

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## Hydraulic System

|                              |                      |
|------------------------------|----------------------|
| Hydraulic Leaks              | Ok, minor            |
| Lift and Tilt Hydraulic Jack | Ok, lift minor leaks |
| Steering Hydraulic Jacks     | Ok                   |

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Hydraulic Pumps and Valves

Ok

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## Limited Functional Testing & Operation

Steering Function Test

Functional

Transmission Operation Test

Functional, only first gear doesn't change

Loader Stall Test

Ok

Brake System Test

Ok

Articulation Movement Check

Ok, minor loose

Loader Attachment Pins

Ok

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## Attachments

Bucket Width and Capacity

w3090, H1360, D910 mm

Bucket Bottom Condition

Ok

Bucket Edge & Teeth Condition

Ok, no teeth

Bucket Side Condition

Ok

Attachment Coupler

Ok, pin lock welded

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## Tires Inspection

Front Right

-

Tire Brand & Size Details

HUNG-A 26.5 - 25

Tire Remaining Life Percentage

70%

Tire Condition Notes

Ok

Wheel Rims & Nuts

Ok

Front Left

-

Tire Brand & Size Details

HUNG-A 26.5 - 25

Tire Remaining Life Percentage

40%

Tire Condition Notes

Ok

Wheel Rims & Nuts

Ok, wheel hub leaks

Rear Right

-

Tire Brand & Size Details

HUNG-A 26.5 - 25

Tire Remaining Life Percentage

80%

Tire Condition Notes

Ok

Wheel Rims & Nuts

Ok, wheel hub leaks

Rear Left

-

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|                                |       |
|--------------------------------|-------|
| Tire Brand & Size Details      | TIRON |
| Tire Remaining Life Percentage | 70%   |
| Tire Condition Notes           | Ok    |
| Wheel Rims & Nuts              | Ok    |

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