

APPRAISAL FAMILY: WHEEL LOADER

| | |
|-------------------------------|---------------------------|
| Account Manager: Billy Pikula | Inspection Date: 5/2/2022 |
| Inspector: Jim Lockhart | Report Date: 5/3/2022 |
| Location: Malaga, N.M. | Approved Date: 5/3/2022 |
| | Expiration Date: 7/2/2022 |

MACHINE DETAILS

| | | |
|--|----------------------|---------------------|
| Manufacturer: AA | Model: 966M | S/N: 0KJP00531 |
| Year: 2014 | Eng S/N: SYE00997 | Trans S/N: KPD02668 |
| SMU/Hrs: 10351 | Hours Date: 5/2/2022 | |
| Last Schedule: | Last CTS: | Last PM: |
| Date Oil Sample Sent to Lab: 5/4/2022 | Oil Sample: | |
| Recommendations: Pending oil lab results | | |

WHEEL LOADER CONFIGURATION

| | | |
|--------------------|--|--------------------------|
| ECM Download: Yes | ROPS: Enclosed | Product Link: Includes |
| EROPS: Yes | OROPS: No | Air Conditioning: Yes |
| Heater: Yes | Counterweight: Yes | Coupler, Quick: No |
| Bucket: Yes | Bucket Size: 4.75yd Agg - 5.5yd Spade | Edge: Yes |
| Teeth: Yes | C/E or Teeth: Both | Auxiliary Hydraulics: No |
| Boom Group: | Engine Tier Rating: Tier 4F | High Lift: No |
| Stick Steer: Yes | Ride Control: Yes | Fast Fill: No |
| Auto Shift: Yes | Oil Change System: Yes | Anti-Theft System: No |
| Product Link: Yes | Supplemental Steer: No | Weight System: No |
| Tire Size: 26.5R25 | Comment: Includes and additional rock bucket | |

GENERAL APPEARANCE

| | CODE | REMARKS |
|-------------------|------|---|
| Radiator Grill | Good | |
| Shroud | Fair | Hardware is missing from air dam - air dam is damaged - would only replace hardware |
| Engine Enclosure | Good | |
| Hood / Stack | Poor | Engine side panels are fretting along bottom edges - no repairs - tail hood side panel is damaged |
| Fuel Tank | Good | |
| Fenders | Fair | Fenders are damaged |
| Crankcase Guard | Good | |
| Battery Box | Good | |
| Front Frame | Good | |
| Rear Frame | Good | |
| Diff Supports | Good | |
| Counterweight | Good | |
| Pre-Cleaner Bowl | Good | |
| Cab | Good | |
| Canopy | Good | |
| Steps / Ladder | Good | |
| Grab Irons | Good | |
| Paint | Fair | Faded and oxidized as expected for age - no repairs |
| Sheet Metal | Good | |
| Guards / Screens | Poor | Transmission filter house and door are damaged beyond an economical repair |
| SOS Taken | Yes | Engine - transmission - hydraulics |
| Cleaning Required | Yes | Clean for transport and delivery - detail operators compartment |
| Notes | | |



SAFETY ITEMS

| | CODE | REMARKS |
|-------------------------|------|---------|
| Safety Decals In Place | Yes | |
| Safety Decals Legible | Yes | |
| Articulation Safety Bar | Good | |
| Horn | Good | |
| ROPS | Yes | |
| Notes | | |



GAUGES, OPERATOR STATION, CONSOLE

| | CODE | REMARKS |
|----------------------|------|-------------------|
| Dash Console | Good | |
| Hour Meter | Good | |
| Gauges | Good | |
| Switches | Good | |
| Wipers | Good | |
| Air Conditioner | Good | |
| Heater | NI | |
| Radio / Speakers | Good | |
| Interior Lights | Good | |
| Seat Cushions | Good | |
| Arm Rests | Good | |
| Floor Boards | Good | |
| EMS Panel / Warnings | Good | |
| Doors | Good | |
| Door Latches | Good | |
| CMS Panel | Good | |
| Glass / Mirrors | Good | |
| Seat Belt | Good | |
| Hydraulic Controls | Good | |
| Sound Proofing | Yes | |
| Back-up Alarm | Yes | |
| Parts Book | No | Needs fresh books |
| Safety Manual | No | |
| O&MM | No | |
| Notes | | |



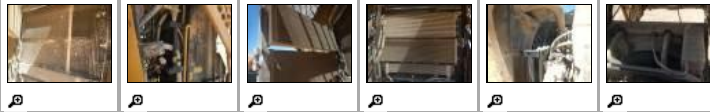
ENGINE

| | CODE | REMARKS |
|----------------------------|--------|--------------------------------|
| Oil Leaks | No | No observable engine oil leaks |
| Blow By | No | |
| Knocking | No | |
| Compression In Radiator | No | |
| Water In Oil | No | |
| Fluid Levels OK? | Yes | |
| EPA Decal | No | |
| Anti-freeze Color | RED | |
| Oil Pressure (H/L/W) | NORMAL | |
| Smoke (B/D/L/W) | NORMAL | |
| Operating Condition | Good | |
| Turbocharger / Blower | Good | |
| Fuel Injection System | Good | |
| Governor | Good | |
| Engine Supports | Good | |
| Air Cleaners | Good | |
| Exhaust / Muffler | Good | |
| Belts / Pullys | Good | |
| Oil Filter Condition (Cut) | NI | |
| Notes | | |



COOLING SYSTEM

| | CODE | REMARKS |
|------------|------|-----------------------------|
| Radiator | Good | |
| Coolers | Good | |
| Hoses | Good | |
| Water Pump | Good | |
| Fan | Good | |
| Fan Drive | Good | |
| Leaks | No | No observable coolant leaks |
| Notes | | |



ELECTRICAL, STARTING AND CHARGING SYSTEM

| | CODE | REMARKS |
|--------------------|------|---|
| Batteries / Cables | Good | |
| Starter | Good | |
| Alternator | Good | |
| Wiring | Good | |
| Pre-Heater | NI | |
| Lighting | Fair | Warning flashers on left side are not working |
| Ether Aid | No | |
| Block Heater | No | |
| Notes | | |

TRANSMISSION

| | CODE | REMARKS |
|----------------------------|------|--|
| Case | Good | |
| Seals | Good | |
| Torque Converter | Good | |
| Universal Joints | Good | |
| Temp / Pressure Guages | Good | |
| Drive Shaft | Good | |
| Lines / Fittings | Good | |
| Oil Filter Condition (Cut) | NI | |
| Cooler | Good | |
| Operating Condition | Good | |
| Transmission - Noisy | No | No abnormal noises or operational issues |
| Leaks | No | No observable transmission oil leaks |
| Notes | | |



STEERING

| | CODE | REMARKS |
|------------------------------|----------------|---------|
| Steering Linkage | Not Applicable | |
| Articulation Pins & Bushings | Good | |
| Steering Cylinder | Good | |
| Supplemental Steering | Not Applicable | |
| Pumps | Good | |
| Valves | Good | |
| Hand Metering Unit | Good | |
| Steering Wheel Tilt / Extend | Good | |
| Lines / Fittings | Good | |
| Notes | | |



BRAKES

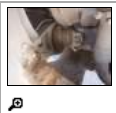
| | CODE | REMARKS |
|-----------------|--------------|---------|
| Type (Wet, Dry) | WET | |
| Drums / Rotors | INBOARD DISC | |
| Control Valve | Good | |
| Notes | | |

| | | |
|-----------------|----------------|--|
| Master Cylinder | Not Applicable | |
| Compressor | Not Applicable | |
| Brake Linkage | Good | |
| Pedal | Good | |
| Parking Brake | Good | |
| Hydraulic Pumps | Good | |
| Accumulators | Good | |
| Notes | | |



FINAL DRIVES

| | CODE | REMARKS |
|--------------------|------|---------------------------------|
| Wheel Lugs & Rims | Good | |
| Rear Final Drives | Good | |
| Rear Axle | Good | |
| Front Final Drives | Good | |
| Front Axle | Good | |
| Differentials | Good | |
| Oscillation | Good | |
| Trunnions | Good | |
| Leaks | No | No observable final drive leaks |
| Notes | | |



HYDRAULICS

| | CODE | REMARKS |
|------------------------|----------------|---|
| Operating Condition | Good | |
| Tank | Good | |
| Pumps & Valves | Good | |
| Hose Lines | Good | |
| Control Linkage | Good | |
| Bucket Kickouts | Good | |
| Lift Cylinders | Fair | Right lift cylinder is seeping from rod seals |
| Tilt Cylinders | Fair | Tilt cylinder is starting to seep from rod seals - no repairs needed at this time |
| Attachment Cylinder | Not Applicable | |
| Filter Condition (Cut) | NI | |
| Leaks | No | No other observable leaks |
| Notes | | |



ATTACHMENTS / WORK TOOLS

| | CODE | REMARKS |
|---------------------------|------|-----------------------------|
| Lift Boom | No | THIS SECTION DOES NOT APPLY |
| Angle Broom | No | |
| Vibratory Compactor Plate | No | |
| Asphalt Cutter | No | |
| Hydraulic Sweeper | No | |
| Material Handling Arm | No | |
| Grapple | No | |
| Forks | No | |
| Other | No | |
| Other | No | |
| Notes | | |

BUCKET

| | CODE | REMARKS |
|------------------|------|---------|
| Cutting Edges | Good | |
| Teeth / Adapters | Good | |
| Bucket Bottom | Good | |
| Bucket Sides | Good | |

| | | |
|------------------------|----------------|--|
| Bucket Spill Guard | Good | |
| Bucket Linkage | Good | |
| Loader Pins & Bushings | Good | |
| Loader Frame | Good | |
| Segments | Good | |
| Quick Coupler | Not Applicable | |
| Bucket Floor | Good | |
| Multipurpose Cylinders | Not Applicable | |
| Bucket Capacity | 4.75 - 5.5yd | |
| Bucket S/N | | |

Notes Heavy duty wear packages - both are in good shape



TIRES

| | MAKE S/N | TREAD DEPTH 1/32" | % LIFE LEFT | RECAPPED | TREAD CUT/CHUNKS | SIDE CUTS SECTIONS |
|-------------------|---------------|----------------------|-------------|----------|---------------------|-----------------------|
| Right Front | Galaxy | 42.00 | 85.00 | | | |
| Right Rear | Yokohama RB31 | 26.00 | 53.00 | | | |
| Left Rear | Galaxy | 37.00 | 75.00 | | | |
| Left Front | Maxam | 21.00 | 42.00 | | | |
| Tire Size | 26.5R25 | | | | | |
| Spare | No | | | | | |
| Average Life Left | 64% | | | | | |
| Notes | | | | | | |
| Tires Needed | | | | | | |



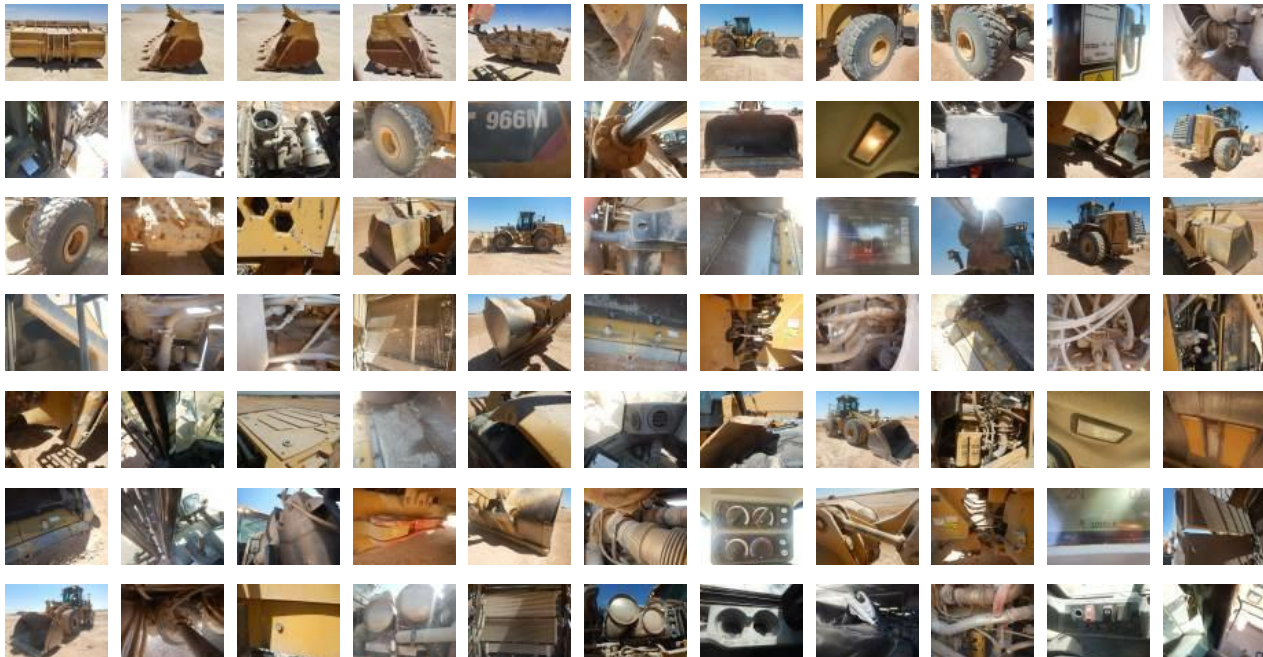
SERVICE

| CODE | REMARKS |
|----------------|-------------------------------|
| Service Needed | No service due when inspected |

GENERAL REPAIRS AND REMARKS

Repairs Needed: Fenders - filter house - tail hood side panel - dogbone - left turn indicator - airdam - hydraulic oil leaks

General comments: Machine is complete and operational - ran and performed fine - needs some repairs but overall condition is fair to good



EMPIRE

CAT

Wheel Loader Inspection Report

